REMTECH EXPO

REMTECH Europe

Ferrara Expo

15-19 September 2025

(15-16 Sept. online – 17-19 Sept in presence or hybrid)

IN PRESENCE IN FERRARA (ITALY): BOOK YOUR FREE TICKET HERE

ONLINE (ZOOM): BOOK FOR YOUR FREE VIRTUAL SEATS IN OUR WEBSITE

INDICATIVE TIME – CHECK THE AGENDA	Mon 15 Sept ONLINE	Mon 15 Sept ONLINE	Tue 16 Sept ONLINE	Tue 16 Sept ONLINE
CEST 09:00-11:00 AEDT 17:00-19:00 CST 15:00-17:00 IST 12:30-14:30	European Commission **Policy and Research on Soil Pollution**	CL:AIRE LEADING SUSTAINABLE LAND REUSE **Soil-Matters - Sustainable Materials Reuse** 2	ALGA AUSTRALASIAN LAND + GROUNDWATER ASSOCIATION **Site Assessment for Vapour Intrusion** 10	NICOLA Network for Industrially Contaminated Land in Africa **Management of contaminated sites in Africa** 11
CEST 11:30-13:30 CST 17:30-19:30 IST 15:00-17:00 WAT 09:30-11:30		ITVA **Nachhaltigkeit bei der Altlastensanierung** 3	CL:AIRE LEADING SUSTAINABLE LAND REUSE **Soil Passports for Demonstrating Circular Economy in Soil Reuse** 12	RNEST Réseau National d'Expertise Scientifique et Technique sur les sols **Agroécologie et santé des sols** 13
CEST 14:30-16:30 WAT 12:30-14:30 EDT 08:30-10:30 BRT 09:30-11:30	US Army Corps of Engineers ® **In-Situ Thermal Remediation** 5	nicole network for industrially co-ordinated sustainable land management in europe **Sustainable Solutions for Soil Pollution** 6	CARUS® **In Situ Adsorption and Destruction Technologies** 4	ASTM **PFAS Site Screening and Initial Characterization** 14 ASTM **MStC for Petroleum UST Releases** 15
CEST 17:00-19:00 WAT 15:00-17:00 EDT 11:00-13:00 BRT 12:00-14:00		INTERSTATE COUNCIL ITRC TECHNOLOGY REGULATORY **PFAS Introductory Training** 7	DTSC Department of Toxic Substances Control National Institute for Public Health and the Environment Ministry of Health, Welfare and Sport **Safe and efficient reuse of wastewater** 18	ASTM **Climate and Community Mapping** 16 ASTM **Responding to Industry Needs in Standards for Microparticles and Microplastics** 17
CEST 20:00-22:00 EDT 14:00-16:00 BRT 15:00-17:00 PDT 11:00-13:00	eurecat Centre Tecnològic de Catalunya Institut de Recerca de l'Aigua (IdRA) UNIVERSITAT DE BARCELONA 8 **Soluciones sostenibles para la descontaminación**	INTERSTATE COUNCIL ITRC TECHNOLOGY REGULATORY **P&T optimization Training** 9		

INDICATIVE TIME – CHECK THE AGENDA	Wed 17 Sept WHITE ROOM- 1°floor	Wed 17 Sept EUROPE ROOM – 2°floor	Wed 17 Sept OTHER ROOMS
CEST 09:00-11:00 AEDT 17:00-19:00 CST 15:00-17:00 IST 12:30-14:30 TRT 10:00-12:00	Mining Legacies 19	Solutions for POPs and Pesticides 22	SCENARIOS 20 PFAS Under the Lens: Science, Solutions and Society – H2020-SCENARIOS Blue Room, 09:00 – 17:00
CEST 11:30-13:30 CST 17:30-19:30 IST 15:00-17:00 TRT 12:30-14:30 WAT 09:30-11:30	In Situ Soil Remediation 23	Circular Economy Solutions for Environmental Remediation 24	SOILL STARTUP SOILL 21 Pavillion 5, 09:00 – 13:00
CEST 14:30-16:30 TRT 12:30-14:30 WAT 12:30-14:30 EDT 08:30-10:30 BRT 09:30-11:30	Brownfield Redevelopment and Urban Regeneration 26	Soil Health and Emerging Contaminants 27	ITA ITALIAN TRADE AGENCY Business Opportunity Ethiopia, Uganda and Ruanda. Urban Regeneration, Natural Risks protection 25 White Room 13:30 – 14:30
CEST 17:00-19:00 WAT 15:00-17:00 EDT 11:00-13:00 BRT 12:00-14:00 PDT 08:00-10:00	AI and Data Innovations in Remediation 28	Bioremediation for Challenging Environments 29	

INDICATIVE TIME – CHECK THE AGENDA	Thu 18 Sept WHITE ROOM- 1°floor	Thu 18 Sept EUROPE ROOM – 2°floor	Thu 18 Sept OTHER ROOMS
CEST 09:00-11:00 AEDT 17:00-19:00 CST 15:00-17:00 IST 12:30-14:30 TRT 10:00-12:00	PFAS Soil Remediation 31	Phytoremediation Strategies for Contaminated Soils 32	NYMPHE Innovative Microbial Solutions for Environmental Remediation: Technologies and Strategies from the NYMPHE Project Pavillion 5/6 - 09:00 – 13:00 30
CEST 11:30-13:30 CST 17:30-19:30 IST 15:00-17:00 TRT 12:30-14:30 WAT 09:30-11:30	Groundwater remediation 33	HRSC and 3D Site Characterization 34	
CEST 14:30-16:30 TRT 15:30-17:30 WAT 12:30-14:30 BRT 09:30-11:30 EDT 08:30-10:30	PFAS Management Strategies 36	Chlorinated Solvent Remediation 37	LIVE DEMO 35 LIVE DEMO Starting from White Room then in Pavillion 3,4,5,6 and outside 13:30 – 16:00
CEST 17:00-19:00 WAT 15:00-17:00 BRT 12:00-14:00 EDT 11:00-13:00 PDT 08:00-10:00	PFAS Water Treatment 38	Sustainable Strategies for Pollution Management 39	

INDICATIVE TIME – CHECK THE AGENDA	Fri 19 Sept WHITE ROOM- 1°floor	Fri 19 Sept EUROPE ROOM – 2°floor	Fri 19 Sept - 24-25 Sept ONLINE or WHITE ROOM
CEST 09:00-11:00 AEDT 17:00-19:00 CST 15:00-17:00 IST 12:30-14:30 TRT 10:00-12:00	**Integrated Strategies for Soil Bioremediation** 41	OECD 40 **IED 2.0 in Action: Evolution, Challenges and Tools for Implementation**	**SUSTAINATHON** 51 Sustainability the road to global value 24 Sept. 14:00 - 24:00 CEST 25 Sept. 07:00 - 14:00 CEST
CEST 11:30-13:30 CST 17:30-19:30 IST 15:00-17:00 TRT 12:30-14:30 WAT 09:30-11:30	**Human Health and Environmental risks** 43	ECHA EUROPEAN CHEMICALS AGENCY **New hazard classes under CLP Regulation** 42	COP30 BRASIL AMAZÔNIA 44 **Business opportunity in Brazil, Road to COP30** White Room 13:30 – 14:30
CEST 14:30-16:30 TRT 15:30-17:30 WAT 12:30-14:30 BRT 09:30-11:30 EDT 08:30-10:30	**Biochar Applications in Soil Remediation** 45	**Waste-Based Approaches for Soil Recovery** 46	AESAS **Diagnosis, Risk Assessment and Rehabilitation of Environmental Impacts**
CEST 17:00-19:00 WAT 15:00-17:00 BRT 12:00-14:00 EDT 11:00-13:00 PDT 08:00-10:00	**Smart Farming and Climate Solutions** 49	**Aquatic Ecosystem Restoration Strategies** 47 48	AESAS 50 **CCS - Carbon Capture and Storage**

REMTECH Europe

CONFERENCE

RemTech Europe, the International Conference and Exhibition on land and water remediation markets and technologies, is set for **September 15-19, 2025**.

The first two days, September 15-16, will be **fully digital** and **streamed online**. The following three days, **September 17-19**, will be hybrid, allowing **in-person attendance** as well as **Zoom broadcasts**. This format enables global participation, allowing anyone to follow nearly every session throughout the five-day event.

The conference aims to share knowledge, innovations, and case studies, fostering the development of remediation processes and the application of new, sustainable technologies. It also serves as a platform for suppliers and clients to connect and discuss available services and technologies.

The agenda is packed and designed to promote the exchange of knowledge and communication among all relevant parties, involving leading European stakeholders.

The annual RemTech Europe conference provides an overview of the European market and emerging trends. Participation is **free of charge**.

EXHIBITION

RemTech Europe will be held as part of the RemTech Expo, Europe's leading Environmental Technological Hub, specializing in the rehabilitation, regeneration, and sustainable development of territories. The event takes place annually in Ferrara, Italy, this year from September 17-19, 2025.

RemTech Expo is more than just a platform to present the current state and future outlook of the industry. It is a dynamic network of international experts working year-round to foster constructive and effective collaboration between the public and private sectors. This collaboration supports the development of ideas and projects that benefit Europe. The event is organized each year in partnership with major international authorities.

The Hub features a diverse community, including representatives from public administration, regulatory bodies, private companies, innovative start-ups, universities, research centers, trade associations, and professionals. These participants engage in discussions and intensive networking through conference sessions, workshops, working groups, refresher courses, educational workshops for schools, technological pilot tests, and cultural evenings.

RemTech Expo comprises ten thematic segments and ten public-private Scientific Technical Committees, involving over five hundred experts. More than three hundred significant companies from various supply chains participate. The event includes two hundred national and international congressional proposals and appointments, with two thousand ambassadors and speakers from one hundred countries across all six continents.

WHO WILL PARTICIPATE?

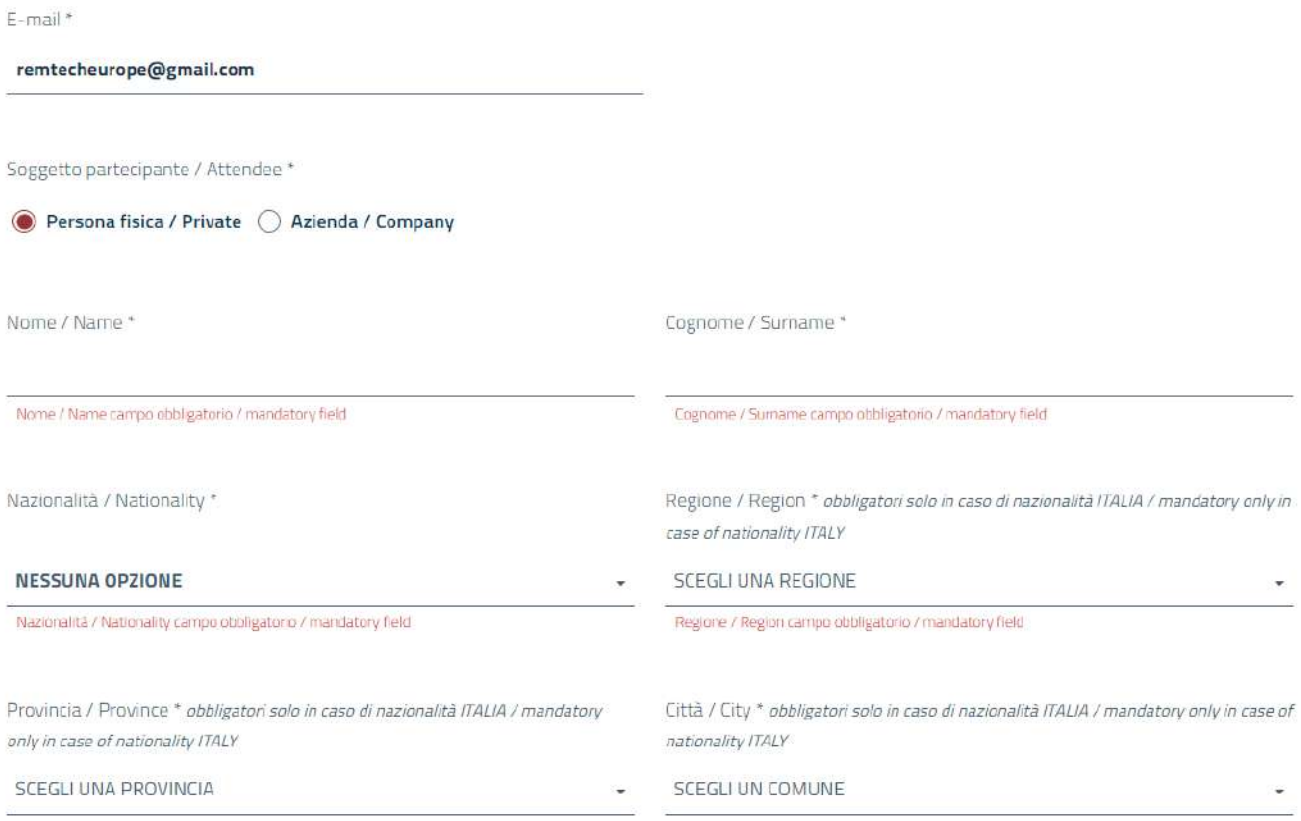
RemTech Europe will attract leaders and key stakeholders from academia, government, regulatory agencies, site owners, private consulting firms, and various other environmental professionals. Some of the job titles represented include CEOs, Chief Scientists, Chief Hydrogeologists, Directors of Environmental Projects, Drinking Water Treatment Engineers, Environmental Chemists, Environmental Remediation Engineers, Environmental Project Scientists, Field Environmental Engineers, Principal Geochemists, Project Directors, Regulators, Remediation Engineers, Research Microbiologists, Restoration Project Managers, Senior Engineering Geologists, Toxicologists, Vice Presidents of R&D, and Wastewater Treatment Engineers.

HOW TO PARTICIPATE TO ONLINE AND HYBRID SESSIONS?

Participation as attendant is free upon registration for everybody. You may register yourself in your favorite sessions, submitting your details in the **Google Modules** provided not later than **9 September** before the starting of Remtech Europe. Our secretariat will send you the link and the password to connect at the email you provided. For the Certificate of Attendance, it is necessary two months at least. It will be sent to the same email of your registration.

HOW TO PARTICIPATE IN PRESENCE?

For who is joining us physically us in Ferrara (Italy), you have to register here not later than **12 September** 2025 https://ticket.remtechexpo.com. **Don't wait till the last week, the system may be overloaded with requests**. You will then have to print your ticket and bring them in Ferrara and in this way you would avoid the queue at the desk, going directly to the entrance gate. This is your **FREE TICKET**.
You may also register on site but in this way, you have to pay a secretariat fee of 15 €/day not a big amount, but there could be the queue at the ticket office.
If you come by car, the parking has a cost of 7€/day. Exhibitors and sponsors would park for free.



Then you have to read and agree/disagree on the treatment of your data.

REMTECH Europe

Registrazione avvenuta con successo

Grazie **Marco** per esserti registrato all'evento "**RemTech Expo 2024**", puoi già ora ottenere il biglietto da questa pagina cliccando l'apposito pulsante oppure scaricarlo dalla mail che ti abbiamo inviato all'indirizzo indicato (controlla anche nella cartella spam).

*Thank you **Marco** for registering for the "**RemTech Expo 2024**" event, you can already get the ticket from this page by clicking the appropriate button or download it from the email we sent you to the address indicated (also check your spam folder).*

SCARICA IL BIGLIETTO / DOWNLOAD TICKET

TORNA ALLA HOME

THEN JUST PRINT YOUR FREE TICKET OR SAVE IT IN YOUR MOBILE PHONE

Organizzato da

REMTECHEXPO | Ferrara Expo

Organized by

REMTECHEXPO | Ferrara Expo

OPERATORE / PROFESSIONAL

BIGLIETTO VALIDO PER 3 GIORNI, 1 INGRESSO AL GIORNO (sono ammessi fino a due rientri giornalieri). Il biglietto è strettamente personale e non cedibile e deve essere conservato per tutta la durata dell'evento. Il personale all'ingresso potrà effettuare controlli casuali attraverso la verifica di un documento di identità.

This ticket is strictly personal and non-transferable and must be kept for the entire duration of the event. The staff at the entrance will be able to carry out random checks by verifying an identity document.

ATTENZIONE

Il biglietto deve essere stampato in buona qualità e con una risoluzione di almeno 300dpi (a colori o in bianco e nero). Usando il biglietto lei accetta di osservare le norme di accesso al quartiere fieristico. I biglietti non possono essere alterati o copiati e perdono validità se il codice risulta danneggiato e non leggibile. Per questo vanno conservati con cura.

NOTE

Your card must be printed in good quality and with a resolution of at least 300dpi (in color or black and white). By using the ticket, you agree to observe the rules of access to the fairgrounds. Tickets cannot be altered or copied and lose validity if the code is damaged and unreadable. This is why they must be kept with care.

17-19 SETTEMBRE 2025

17-19 SEPTEMBER 2025

remtechexpo.com

STAMPA IL TUO BIGLIETTO ED ENTRA SUBITO IN FIERA

PRINT YOUR TICKET AND VISIT THE SHOW

COME ARRIVARE *HOW TO GET HERE*

AEREO - *AIRPLANE*

L'aeroporto Guglielmo Marconi di Bologna dista 45 Km dal Quartiere fieristico di Ferrara. Chi sbarca al Marconi può usufruire del servizio di bus-navetta "Ferrara Bus&Fly" e arrivare in soli 60 minuti a Ferrara. Il trasferimento da e verso l'aeroporto prevede 8 corse giornaliere. Per maggiori informazioni, visitate il sito www.ferrarabusandfly.it.

The Guglielmo Marconi airport of Bologna is 45 km from the Ferrara exhibition center. Those who disembark at the Marconi can take advantage of the shuttle bus service "Ferrara Bus & Fly" and arrive in Ferrara in just 60 minutes. The transfer to and from the airport includes 8 trips a day. For more information, visit the website www.ferrarabusandfly.it.

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REA FE- 226928

REMTECH Europe

ORGANIZE YOUR TRIP TO FERRARA (GMaps https://goo.gl/maps/nKBmiF9FqVUzYToe9)

From Bologna Airport (BLQ)

Bologna's Guglielmo Marconi Airport is 45 km from the Ferrara Exhibition Centre.

'**Ferrara Bus&Fly**' shuttle bus service and arrive in Ferrara in just 60 minutes. The transfer to and from the airport includes 8 trips per day. For more information, visit http://www.ferrarabusandfly.it/en/ or call +39 333 2005157. Cost is 17€ online, 20€ on board

Taxi is the fastest way as it takes 30 minutes and costs around 80-100 € (http://www.taxiferrara.it/, tel. +39 0532 900900)

Train takes from 35 to 50 minutes and is the cheapest way, the cost of regional train from Bologna to Ferrara is 5,20 € with more than 30 runs per day (https://www.trenitalia.com/en.html). To go from the Bologna Airport to the Bologna train station it takes around 25 minutes with the city bus BLQ with a cost of 6,00 €

From Venice Airport (VCE)

Train takes around 1h15 and is the cheapest way, the cost of train from Venezia Mestre to Ferrara is from 9,00 to 23,90 € depending on train type and service. There are more than 30 runs per day (https://www.trenitalia.com/en.html). To go from the Venice Airport to the Venezia Mestre train station it takes around 20 minutes with the ATVO Airport Express Bus or Line 15 with a cost of 9,00 €.

From Milan Malpensa Airport (FCO)

Train takes around 2h20 and is the cheapest way, the cost of train from Milano Centrale to Ferrara is from 25,00 to 50,00 € depending on train type and service. There are more than 20 runs per day (https://www.trenitalia.com/en.html). To go from the Milan Malpensa Airport to the Milano Centrale train station it takes around 50 minutes with the Malpensa Express Train with a cost of 13,00 € (https://www.malpensaexpress.it/en/).

From Rome Fiumicino Airport (FCO)

Train takes around 2h50 and is the cheapest way, the cost of train from Roma Termini to Ferrara is from 50,00 to 75,00 € depending on train type and service. There are more than 20 runs per day (https://www.trenitalia.com/en.html). To go from the Rome Fiumicino Airport to the Roma Termini train station it takes around 45 minutes with the Terravision Bus with a cost of 6,00 € (https://www.terravision.eu/airport_transfer/bus-fiumicino-airport-rome/?noredirect=en_US).

From Bergamo Orio al Serio Airport (BGY)

Train takes around 3h20 and is the cheapest way, the cost of train from Bergamo to Ferrara is from 28,00 to 60,00 € depending on train type and service. There are more than 20 runs per day (https://www.trenitalia.com/en.html). To go from the Bergamo Orio al Serio Airport to the Bergamo train station it takes around 15 minutes with the Airport Bus with a cost of 2,60 € (https://www.atb.bergamo.it/en).

From Munchen Airport (MUC)

Train takes around 7h and is the cheapest way, the cost of train from Munchen HBF to Ferrara is from 45,00 to 60,00 € depending on train type and service. There are 3 runs per day (https://www.trenitalia.com/en.html). To go from the Munchen Airport to the Munchen HBF train station it takes around 40 minutes with different means of transport and with a cost of 11-15 € (https://www.munich-airport.com/public-transport-260822).

REMTECH Europe

Where to sleep? Suggested accommodation

PRICES ARE INDICATIVE AND CAN BE SUBJECT TO CHANGES

HOTEL	SINGOLA	DUS	DOPPIA	TRIPLA	CONTATTI
	SINGLE	*DOUBLE SINGLE USE*	*DOUBLE*	*TRIPLE*	
HOTEL DE PRATI	€ 86,00	€ 120,00	€ 130,00		info@hoteldeprati.com +39 0532 241905
LUCREZIA BORGIA	€ 75,00	€ 85,00	€ 104,00	€. 140,00	info@hotellucreziaborgia.it +39 0532 909033
HOTEL TOURING		€ 139,00	€. 159,00	DEPENDANCE	info@hoteltouringfe.it +39 0532206200
	€ 129,00	€ 149,00	€ 169,00	HOTEL CLASSIC	
		€ 169,00	€. 189,00	HOTEL DELUXE	
ANNUNZIATA			€ 190,00 € 220,00 € 170,00	STANDARD SUPERIOR DEPENDANCE	info@annunziata.it +39 0532 201111 WhatsApp +39 39250 26757
B&B NETTUNO		€ 69,00	€ 74,00	COLAZIONE ESCLUSA	ferrara@hotelbb.com +39 0532 977155
HOTEL CARLTON	Sconto 10%, indicare codice "RemTech" sul sito www.hotelcarlton.net				info@hotelcarlton.net +39 0532 211130
HOTEL IL DUCA D'ESTE	€ 79,00	€ 79,00	€ 99,00	€ 129,00	info@ilducadeste.it +39 0532 977676
HOTEL EUROPA	€ 80,00	€ 100,00	€ 120,00		info@hoteleuropaferrara.com +39 0532 205456
HOTEL NAZIONALE	€ 125,00	€ 135,00	€ 140,00		info@hotelnazionaleferrara.it +39 0532 243596
HOTEL OROLOGIO		€ 200,00	€ 250,00		info@hotelorologio.com +39 0532 769576
RADISSON HOTEL		€ 125,00 € 135,00	€ 140,00 €. 150,00	PREMIUM SUPERIOR	info.ferrara@radisson.com +39 351 6645647
TORRE DELLA VITTORIA		€ 120,00	€ 150,00		info@hoteltorredellavittoriaferrara.com Tel.: +39 0532 769298

REMTECH Europe

How to arrive from downtown Ferrara to the conference venue

Castello Estense Hotel Touring	Stazione Ferroviaria *Railway Station*	Quartiere Fieristico *Exhibition center*
8.15	8.25	8.40
9.00	9.10	9.25
9.45	9.55	10.15
10.35	10.45	11.00
-	11.15	11.30
-	11.45	12.00
-	12.15	12.30
-	12.45	13.00
-	13.15	13.30
-	13.45	14.00
-	14.15	14.30
-	14.45	15.00
-	15.15	15.30
-	15.45	16.00
-	16.15	16.30
-	16.45	17.00
-	17.15	17.30
-	17.45	18.00
18.20	18.30	18.45
19.05	19.15	19.30
19.55	20.05	-

FREE REMTECH COUCH

The most convenient way is the couch of Remtech, that will leave from the city centre, pass to the train station than it will arrive to the venue. Frequency is every 50 minutes starting from 8:10 and it is free. The bus stop named **"Stazione Ferroviaria"** is located at the exit of the railway station, on the left side, next to the bike parking (https://goo.gl/maps/Bkzi57UHhduQ63Vy5).
The bus stop named **"Castello Estense"** is in the city centre in Viale Cavour, in front of the Hotel Touring, behind the public gardens (https://goo.gl/maps/M4AKxc9kYbqXpXrZA).
You can easily recognize the shuttle by the RemTech logo.
The timetable could change according to the traffic, best choice is to take the first run.

BUS n.11

Bus n.11 from the Train Station "**Stazione FS**" (https://goo.gl/maps/W3cvZhctmL6CCgfT8) or from the Estense Castle "**Cavour Giardini**" stop (https://goo.gl/maps/YasF8mKbm3das3DG8) in the direction "*Chiesuol del Fosso*". The nearest stop to Ferrara Fiere is "**Centro Congressi**" (https://goo.gl/maps/NzsNWcPR4Fgvax6P7) cost is **1,50 €**. Runs from the central station (from Cavour Giardini add 5 minutes) 05:17 06:15 06:30 06:54 07:09 07:24 07:47 08:12 08:37 08:57 09:17 09:37 09:57 10:17 10:37 10:57 11:17 11:37 11:57 12:17 12:37 12:57 13:17 13:37 13:57 14:17 14:37 14:57 15:17 15:37 15:57 16:17 16:37 16:57 17:17 17:37 17:57 18:17 18:37 18:57 19:17 19:37 19:57 20:17 20:31 20:49. Timetable could change (https://www.tper.it/fe-11),.

TAXI

Fastest way from downtown to the venue is the taxi, the cost is around **12,00-15,00 €** and the time is around 10 minutes according to the traffic (http://www.taxiferrara.it/, tel. +39 0532 900900)

WALKING

Walking is the most environmental sustainable way to reach the venue. It is 4 km from the City Centre, it takes around 50 min, but it is not suggested in hot hours and when you have luggage with you.

NOT ONLY REMTECH EUROPE – ENJOY FERRARA AND ENJOY ITALY- ACTIVITIES & IDEAS

CYCLETOURISM

Ferrara is the 'Italian city of bicycles'. Flat and surrounded by the water of the river Po and its tributaries, the entire Province of Ferrara is a richly evocative landscape in which land and water are the protagonists. From Cento to Comacchio, from the hinterland to the sea, there are hundreds of kilometres marked by a formidable network of cycling routes that wind between the city and the countryside, between protected oases and villages on the plains. There are simple and evocative routes such as the one along the banks of the Po River with restaurants along the way. The daily bicycle rental is 8 €. LINK FOR MORE INFO

FERRARA CITY CENTRE IS UNESCO WORLD CULTURAL HERITAGE

Ferrara's historic centre was awarded from UNESCO the prestigious title of 'Renaissance City' in 1995 as an '*admirable example of a city designed in the Renaissance, which preserves its historic centre intact and expresses urban planning canons that have had a profound influence on the development of town planning in the following centuries*'. Some truly characteristic streets such as Via delle Volte, as well as the main square (today Piazza Trento e Trieste), beside which stands the Romanesque-Gothic Cathedral (1135). An extraordinary period began in the 12th century when the Este family settled in Ferrara, with the construction of the Castello Estense (1385), Palazzo Schifanoia (1385) and Palazzo dei Diamanti (1492). https://whc.unesco.org/en/list/733 Guided tour costi s 12€/person, LINK FOR MORE INFO

THE HEART OF PO DELTA PARK ON HORSEBACK

The Delta breed horses, present at the Spiaggia Romea stud farm and of Camargue derivation, are ideal for peaceful walks immersed in the nature of the Po delta, thanks to their meek and docile temperament. Accompanied by a specialized guide, you can go horseback riding in an environment of extraordinary charm. Cost is 24€ INFO LINK

THE COMACCHIO'S LAGOONS BY BOAT

Boat trips along the inner waterways of the mirror lagoon, a unique environment and spectacular home to flamingos. The guided tour includes a visit to the fishing stations. Cost is 14€. INFO LINK

RELAX IN THE BEACHES IN "LIDI FERRARESI"

26 km of coast with beaches of white and thin sand, the seven Lidi Ferraresi are an ideal destination for a vacation at the sea with children, for the lover of open air activities and to relax. On its 26 km of coast 7 lidos follow one another: Volano, Nazioni, Pomposa, Scacchi, Porto Garibaldi, Estensi and Spina. All of them are characterized by safe beaches and equipped for families, with golden sand and a sea which reverses gently. INFO LINK

VISIT BOLOGNA, VENICE, PADUA, FLORENCE, PISA, ROME

All these destinations are easily reachable by train from Ferrara (https://www.trenitalia.com/en.html)

Bologna 35 min

Venice 1h15min

Padua 40 min

Florence 1h40min

Pisa 2h30min

Rome 2h50min

SESSION 1
Soil Pollution: policies and data

MONDAY 15 SEPTEMBER
09:00 – 13:00 CEST (Central European Summer Time)

ONLINE

Opening

09:00 **Inauguration of Remtech Europe 2025**
Marco Falconi (Remtech Europe), Alessandra Zampieri (Director, European Commission, JRC, tbc), Silvia Paparella (Remtech Expo)

09:20 **Introduction from the Chairs**
Piotr Wojda (European Commission, DG JRC D1) Marco Falconi (Remtech Europe)

09:30 **Session 1 "Policy evidence on Soil Pollution"**

9:30-9:50 **Remediation and soil pollution in the Soil Monitoring Law**
Bavo Peeters, Mirco Barbero (European Commission, DG ENV D1)

9:50-10:10 **Zero Pollution Monitoring and Outlook Report 2025**
Eylem Dogan Subasi, Rainer tbc, Karin tbc (European Environment Agency and European Commission Joint Research Centre)

10:10-10:30 **The Mission Soil: Soil Pollution Cluster**
Jelena Vidovic (*European Commission DG AGRI F2)*

10:30-10:50 **Soil Pollution at Global Scale**
Natalia Rodríguez Eugenio (*FAO) (tbc)*

10:50 **Panel discussion, stakeholders questions and wrap up**, *Piotr Wojda (EC DG JRC D1)*

11:10 *Coffee break*

11:30 **Session 2 "Prioritization & standardization needs: point and diffuse soil pollution"**

11:30-11:45 **Development of a list of substances to tackle Soil Pollution in the EU**, *Diana Vieira (European Commission DG JRC D1)*

11:45-12:00 **Point sources soil pollution in the Western Balkans**
Dragana Vidojevic and Pandi Zdruli (Environmental Protection Agency, Republic of Serbia and Mediterranean Agronomic Institute of Bari, Italy respectively)

12:00-12:15 **From PFAS Monitoring to identification of vulnerable zones**
Joel Fabregat-Palau (University of Tübingen).

12:15-12:30 **Prioritization of Emerging Contaminants**
Amélie Cavelan (ISLANDR, BRGM - Service Geologique National)

12:30-12:45 **Standardisation on Soil Pollution and Remediation**
Frank Lamé. (Program manager Deltares. Chairman of CEN/TC 444)

12:45 **Panel discussion, stakeholders questions and wrap up**, *Diana Vieira, Felipe Yunta, Arwyn Jones, Piotr Wojda (EC JRC D1)*

13:00 **End of the session**

Register yourself in the Google form https://forms.gle/SEovXxEK4QPVCuwP6

SESSION 2
Soil-Matters - Sustainable Materials Reuse

MONDAY 15 SEPTEMBER
09:15 – 11:15 CEST (Central European Summer Time)

ONLINE

Opening

09:15 Introduction from the Chairs
Nicola Harries (CL:AIRE) Marco Falconi (Remtech Europe)

09:25 The key components of materials management for construction, demolition and excavation (CDE) sustainable materials re-use, working from the ground up and starting at project design stage (Jonathan Atkinson CL:AIRE)

11:00 Panel discussion, stakeholders questions and wrap up, *Nicola Harries (CL:AIRE)*

11:15 *End of the Training*

Register yourself in the Google form https://forms.gle/m1Rw4yT9Po6vbgsk8

The soil beneath our feet matters and our use of it is critical to enabling sustainable economic growth, while managing the parallel crisis of nature depletion, flood risk, and water resources. Good practice soils management can enable sustainable development and help meet all of these challenges, while managing materials sustainably and avoiding disposal of valuable resources to landfill.

ITVA

Ingenieurtechnischer Verband
für Altlastenmanagement und
Flächenrecycling e.V. (ITVA)

REMTECH Europe

SESSION 3
Nachhaltigkeit bei der Altlastensanierung

MONTAG, 15. SEPTEMBER 2025
11:00 - 13:00 MESZ (Mitteleuropäische Sommerzeit)

ONLINE

Opening

11:00 **Präsentation der ITVA-Aktivitäten, Willkommen bei Remtech Europe, Einführung durch die Vorsitzenden**
Harald Burmeier (Erster Vorsitzender des ITVA), Marco Falconi (Remtech Europe), Stephan Hüttmann (Vorsitzender der Sitzung)

11:15 **Nachhaltigkeit aus Sicht eines Ingenieurbüros in der Altlastenbearbeitung**
Hartmut Schmid, CDM Smith – pending

11:30 **Berücksichtigung von Nachhaltigkeitsaspekten aus Sicht der Umweltbehörde**
Alexander Scheffler (LUBW)

11:45 **Nachhaltige Altlastensanierung aus Sicht eines Sanierungsunternehmens**
Stephan Hüttmann (Sensatec)

12:00 **Nachhaltigkeit in der Sanierungspraxis aus Sicht der Deutschen Bahn**
Klaus Thein (DB AG) pending

12:15 **SuRF-Germany – erste Ergebnisse und Aufgaben für die Zukunft**
Christian Poggendorf (BIG)

12:30 **Bewertung von Nachhaltigkeitsaspekten in der Altlastensanierung**
Katharina Book (Ramboll)

12:45 Fragen und Antworten und abschließende Diskussionsrunde
Harald Burmeier(ITVA chair), Stephan Hüttmann (chair of the session)

13:00 **Ende der Sitzung**

Register yourself in the Google form https://forms.gle/LLXyWE7A6Jk4WYGp7

SESSION 4

In Situ Adsorption and Destruction Technologies for sustainable and effective In Situ Contaminated Sites Remediation

MONDAY 15 SEPTEMBER
12:45 – 14:15 CEST (Central European Summer Time)

ONLINE

This talk will explore advanced in situ remediation technologies that leverage adsorption and contaminant destruction mechanisms to treat groundwater and soil contamination.
These technologies are particularly suited for scenarios requiring rapid risk reduction, minimal site disturbance, and long-term passive remediation. The talk will address the key site-specific conditions that influence successful application—including hydrogeochemical parameters, contaminant type, and concentration levels. Typical use cases include deployment as reactive barriers, polishing treatments to meet regulatory targets, treatment at sites with low contaminant mass, or in complex settings with commingled plumes also at high contamination levels. Limitations and boundary conditions for effective use will also be discussed, ensuring a realistic and technically grounded perspective on applicability.
A focus will be placed on the application of colloidal formulations engineered for subsurface delivery, including colloidal activated carbon (RemSorb™), Colloidal Activated Carbons with embedded zero-valent iron (ZVI) clusters (RemSorb™+), iron oxides colloidal suspensions (RemLock™), and iron zeolites for combined adsorption and Fenton like CHP) oxidation (RemZeo™). These technologies are designed to address a wide range of organic and inorganic contaminants by combining physical adsorption, chemical reduction, and catalytic degradation processes.
Colloidal activated carbon provides immediate contaminant mass removal through high-surface-area adsorption and serves as a long-term sequestration matrix, minimizing contaminant mobility and exposure. When combined with embedded ZVI, the formulation not only adsorbs contaminants but also chemically reduces compounds such as chlorinated solvents and nitroaromatics. Iron Zeolithes can adsorb organic contaminants and a second injection of Hydrogen Peroxide can effectively and safely oxidizes adsorbed organics. Iron oxides colloids can adsorb heavy metals or metalloids with an effect similar to the carbons.
An essential component of successful implementation is the accurate delineation of contamination and subsurface conditions. Advanced Membrane Interface Probe (MIP) investigations, such as those conducted by FUGRO, provide high-resolution vertical and horizontal profiles of volatile organic compounds (VOCs), conductivity, and permeability. This real-time data enables precise identification of contaminant mass distribution, supporting the design of targeted injection strategies, optimized treatment volumes, and accurate dosage calculations for the colloidal amendments. By integrating MIP data into remedial design, treatment efficiency is maximized, and unnecessary material use is minimized.
The presentation will also detail application techniques—such as direct-push injection and hydraulic fracturing—and performance monitoring. Practical case studies will illustrate how these technologies are implemented cost-effectively, with minimal site disruption, to achieve sustainable, long-lasting remediation outcomes.
Speakers: Ing. Lorenzo Sacchetti (PE) EMEA Director Carus Europe, Dr. Eugen Martac (PE): Operation manager Fugro, DR. Sarah Suhnholtz: Scientist Intrapore

Register yourself in the Google form https://forms.gle/iNeegQvexCGCD1ku5

US Army Corps of Engineers ®

REMTECH Europe

SESSION 5
In situ thermal remediation

MONDAY 15 SEPTEMBER
14:30 – 17:30 CEST (Central European Summer Time)

ONLINE

Opening

14:30 Introduction from the Chairs
Edith Martinez-Guerra (USACE), Marco Falconi (Remtech Europe)

14:45 In situ Thermal remediation
Speakers to be confirmed

16:15 Panel discussion
Edith Martinez-Guerra (USACE)

16:30 *Coffee break*

16:45 In situ Thermal remediation
Speakers to be confirmed

17:15 Panel discussion
Edith Martinez-Guerra (USACE)

17:30 End of the session

Register yourself in the Google form https://forms.gle/PtEK46XL3Hy4UQ1p6

SESSION 6
Sustainable Solutions for Soil Pollution: Legal, Scientific, and Nature-Based Approaches

ONLINE

MONDAY 15 SEPTEMBER 2025
14:15 – 16:15 CEST (Central European Summer Time)

14:15 Introduction from the Chairs
Frederic Coulon (Cranfield University, Nicole Academy), Cecile Nouet (University of Liege, Nicole Academy

14:20 Soil pollution and the path to sustainable land use in industrial and urban redevelopment
Anna Espinoza (Luxembourg Institute of Science and Technology, Luxembourg)

14:35 Legal liabilities regarding soil pollution and/or soil remediation
Carlos de Miguel Perales (Comillas Universidad Pontifica, Spain)

14:50 Biodegradation Potential and Metagenomic Insights of Microbial Consortia Isolated from Organic Contaminated Soils
José Carlos Castilla Alcántara (Universidad de Burgos, Spain)

15:05 Reconstructing genome-scale models to reveal microbial biodegradation potential
Akanksha Mishra (IDENER, Spain)

15:20 Using nature-based solutions to decrease investments in eternal remediation set-ups
Tom Bosma (Deltares, Netherland)

15:35 Panel discussion, stakeholders' questions and wrap up
Frederic Coulon and Cecile Nouet

16:15 End of webinar

Register yourself in the Google form https://forms.gle/L8fx9D3LRQMtT4na7

SESSION 7

ITRC: Pump & Treat Optimization Training

MONDAY 15 SEPTEMBER 2025

17.00 – 19.00 CEST (Central European Summer Time)

ONLINE

Opening

17:00 Welcome from Interstate Technology Regulatory Council (ITRC) and Remtech Europe
Charles Reyes (ITRC), Paula Panzino (Arizona Department of Environmental Quality/ITRC), Marco Falconi (ISPRA, Remtech Europe)

Presentations

17:05 ITRC: Pump & Treat Optimization Training
Michael Sexton, P.E. (Virginia Department of Environmental Quality); Dr. Lucas Hellerich (Woodard & Curran); Patricia (Pat) Locklin (Maine Department of Environmental Protection); Dave Becker (Emeritus, USACE Retired); Trevor King (Woodard & Curran)

18:50 Questions and Answers
Charles Reyes (ITRC), Paula Panzino (ITRC), Marco Falconi (ISPRA, Remtech Europe)

19:00 End of the training

Register yourself in the Google form: https://forms.gle/mNo41mcmAtuPbRui8

BRIEF DESCRIPTION OF THE TRAINING

ITRC's Pump & Treat (P&T) Optimization training aims to summarize existing information and best practices while also developing a systemic and adaptive optimization framework specifically for P&T well-network design and management. Pump & Treat optimization should be systematic and data-based, and the training and ITRC Pump & Treat guidance document aim to provide tools and direction to assist in this rigorous process.

P&T systems have been one of the most used methods for hydraulic containment and treatment of contaminated groundwater at sites with large groundwater plumes. This method cleans up groundwater contaminated with dissolved chemicals by pumping groundwater from wells to an above-ground treatment system that removes the contaminants. Optimization of P&T remedies is important for maintaining contaminant removal effectiveness throughout the operation lifetime and managing the system toward an exit strategy. A strategy for routine optimization of P&T remedies is key for maintaining the contaminant removal efficiency of these systems.

Key Takeaways

- *Understanding the P&T project lifecycle: evaluation, optimization, and transition, as well as considerations for sustainability, resiliency, and regulatory and stakeholder entities.*
- *P&T optimization should incorporate adaptive site management.*
- *P&T systems are influenced by a diverse collection of outside factors, which should be considered throughout the entire optimization process.*
- *Transition and termination should both be considered during the optimization process.*
- *Remedial objectives dictate evaluation and optimization efforts for P&T systems.*

SESSION 8
Soluciones sostenibles para la descontaminación y restauración de suelos y aguas subterráneas

LUNES 15 DE SEPTIEMBRE DE 2025
19:00 - 21:00 CEST (hora de verano centroeuropea)

ONLINE

Apertura

19:00 Bienvenida de los moderadores
Carme Bosch (Eurecat), Jofre Herrero-Ferran (Universitat de Barcelona), Marco Falconi (ISPRA, Remtech Europe)

Presentaciones

19:10 LIFE MySOIL: *Un paso más en biorremediación: micorremediación para la recuperación de suelos*
Jofre Herrero (Eurecat, actualmente en IdRA, Universitat de Barcelona)

19:25 REMEsilient: Mitigación de los eventos meteorológicos extremos durante la remediación de acuíferos contaminados por compuestos persistentes y emergentes
Diana Puigserver (IdRA, Universitat de Barcelona)

19:40 Interacción Suelo-Planta-Microorganismos: Un Enfoque Sinérgico para la Remediación de Contaminantes
Rocío Barros (ICCRAM, Universidad de Burgos)

19:55 Biorremediación para el saneamiento de suelos crónicamente contaminados con hidrocarburos: Un caso de estudio basado en biodegradación microbiana en Chile
Roberto Orellana (UPLA, Universidad de Playa Ancha, Chile)

20:10 Micorremediación de contaminantes emergentes: antibióticos y PFAS en suelos y aguas
Begoña Mayans (UAM, Universidad Autónoma de Madrid)

20:25 Fitorremediación de pasivos ambientales mineros utilizando enmiendas y especies nativas de zona áridas, San Juan, Argentina
Gonzalo Roqueiro, Belén Heredia (INTA, Instituto Nacional de Tecnologías Agropecuarias, Argentina)

20:40 Discusión and Q&A
Carme Bosch, (Eurecat)

21:00 Fin de la sesión

Regístrese en el formulario de Google https://forms.gle/2JXhibuKsRN1VY4R6

SESSION 9

PFAS Introductory Training

MONDAY 15 SEPTEMBER 2025

20.00 – 22.00 CEST (Central European Summer Time)

ONLINE

Opening

20:00 Welcome from Interstate Technology Regulatory Council (ITRC) and Remtech Europe
Charles Reyes (ITRC) and Nicole Henderson (ITRC); Marco Falconi (ISPRA, Remtech Europe)

Presentations

20:10 ITRC PFAS Introductory Training
Robert Burgess (Alaska Department of Environmental Conservation); Kristi Herzer (Vermont Department of Environmental Conservation); Mitch Olson (Colorado State); Andrew Safulko (Brown & Caldwell); Shalene Thomas (Batelle)

21:50 Questions and Answers
Charles Reyes (ITRC), Nicole Henderson (ITRC), Marco Falconi (ISPRA, Remtech Europe)

22:00 End of the training

Register yourself in the Google form https://forms.gle/TC4rxmvkACBQycPx8

BRIEF DESCRIPTION OF THE TRAINING

The ITRC Technical Resources for Addressing Environmental Releases of Per- and Polyfluoroalkyl Substances (PFAS) was updated in September 2023, with additional content under development for publishing December 2025. Per- and polyfluoroalkyl substances (PFAS) are a large and complex class of anthropogenic compounds whose prevalence in the environment are an emerging, worldwide priority in environmental and human health. The ITRC PFAS Team, formed in 2017, has prepared readily accessible materials to present PFAS information to stakeholders, regulators, and policy makers. The PFAS team represents a diverse cross-section of expertise and experience working on PFAS.

This training will include emerging science on PFAS, including topics such as Properties of PFAS, Fate and Transport, Sampling and Analysis, and Treatment Technologies. The technical presentations will be focused on those who are relatively new to PFAS:

- *Sources, Physical, and Chemical Properties of PFAS*
- *AFFF*
- *Fate & Transport, Site Characterization*
- *Sampling & Analysis*
- *Treatment Technologies.*

SESSION 10
Site Assessment for Vapour Intrusion - Available Options and Best Practice

TUESDAY 16 SEPTEMBER 2025
09:00 – 11:00 CEST (Central European Summer Time)

ONLINE

Opening

09:00 Welcome from ALGA and Remtech Europe
Matthew Potter (ALGA), Marco Falconi (ISPRA, Remtech Europe)

Presentations

09:10 Introduction to Vapour sampling methods on Contaminated Sites
- Background, concepts
- Conceptual site models
- Terminology

Dane Egelton, (CSI Australia, ALGA)

09:40 Active and Passive Soil Vapour Methods
- USEPA TO-15 (summa canisters)
- USEPA TO-17 (thermal desorption tubes)
- Waterloo membrane sampler

Dane Egelton (CSI Australia, ALGA)

10:30 Onsite Analysis using Gas Chromatography
- Discrete Sampling
- Continuous monitoring for VOCs and weather parameters

Dane Egelton, (CSI Australia, ALGA)

10:50 Questions and Answers
Matthew Potter (ALGA), Marco Falconi (ISPRA, Remtech Europe)

11:00 End of the training

Register yourself in the Google form https://forms.gle/GgeDUP3i2NrzY9hU8

SESSION 11
Management of contaminated sites in Africa

TUESDAY 16 SEPTEMBER 2025
09:00 – 11:00 CEST (Central European Summer Time)

ONLINE

Opening

09:00 Welcome, introduction to the panel members, Chair: *Dr Heidi Snyman (Network of Industrially Contaminated Land in Africa)*

Presentations

09:10 Keynote address: Environmentally sound management of hazardous and other waste through Regional Centres of the Basel and Stockholm Conventions
Ms Bianca Dlamini (Executive Director: Africa Institute)

09:30 A regulator's perspective on the environmental and societal burden of neglecting the management of contaminated land – A viewpoint from South Africa
Dr Mpho Tshitangoni (Department of Forestry, Fisheries and Environment; South Africa)

09:45 Title to be confirmed
Dr Meseret Teklemariam Zemedkun (AMCEN Secretariat, Africa Regional Office of UNEP)

10:00 Local solutions to manage the impact of mining activities in the Central African Copperbelt
Dr Lameck Banda (PhD, PhD); Copperbelt University School of Mathematics and Natural Sciences, Zambia

10:15 Title to be confirmed
Ms Monica Angom

10:30 Panel discussion moderated by chairs

11:00 End of the session

Register yourself in the Google form https://forms.gle/w6BSt4dQdsiXGeZ48

SESSION 12
Soil Passports for Demonstrating Circular Economy in Soil Reuse

ONLINE

TUESDAY 16 SEPTEMBER 2025
11:30 – 13:30 CEST (Central European Summer Time)

Opening

11:30 Introduction from the Chairs
Nicola Harries (CL:AIRE) Marco Falconi (Remtech Europe)

11:40 Sustainable soils management using a quality assured system of checks and balances to enable re-use of construction, demolition and excavation (CDE) materials beneficially under a by products approach to soils management on sites and between sites. (Jonathan Atkinson/Richard Croft CL:AIRE)

13:20 Panel discussion, stakeholders questions and wrap up, *Nicola Harries (CL:AIRE)*

13:30 *End of the Training*

Register yourself in the Google form https://forms.gle/1J6ApxEnUrUdiuEE9

Sustainable soils management under the Soil Passport Scheme enables implementation of a risk based circular economy strategy for CDE materials. The scheme comprises a robust decision-making framework with inbuilt independent checks and balances. Land owners, practitioners, and regulators will find it a tried and tested means of demonstrating lines of evidence for the re-use of materials arising from construction activities aligned with commonly accepted sustainable remediation management processes (i.e. SURF-UK Framework) whilst remaining compliant with the main aims and objectives of the European Waste Framework Directive.

SESSION 13
Agroécologie et santé des sols

MARDI 16 SEPTEMBRE 2025
11:45 – 13:45 CEST (Central European Summer Time)

ONLINE

Ouverture

11:45 Bienvenue du RNEST
Laurent Thannberger (Valgo, RNEST), Jerome Cortet (Université Paul-Valéry Montpellier 3)

Présentations

11:50 Pratiques agricoles durables pour améliorer la santé du sol rhizosphérique de Helichrysum italicum en conditions semi-arides
Fatima-Zahraa El Balghiti (Université de Marakech, Maroc)

12:05 Effets à court terme de différents types et doses de fertilisation organique sur les communautés de la faune du sol et la productivité des cultures : étude de cas dans des agrosystèmes maraîchers à base de tomate à Madagascar
Sariaka Raharijaona (IRD, Antananarivo, Madagascar)

12:20 Échantillonnage intensif à l'échelle d'un territoire pour mettre en évidence les effets de l'occupation du sol et des pratiques agricoles sur les carabidés et les collemboles
Lucas Etienne (Université de Montpellier, CEFE, France)

12:35 Effets des pratiques alternatives sur les communautés de la faune du sol en contexte viticole méditerranéen : une approche multi-taxons
Clara Zimmermann (Université de Montpellier Paul-Valéry, CEFE, France)

12:50 Rôle des PGPR sur l'anatomie racinaire en lien avec la nutrition du riz
Miora Rakotoarivelo, Fabrice Varoquaux, Patrice Autfray, Sergi Navarro, Romain Fernandez, Julien Frouin And Christophe Perin

13:05 Nématodes – protection des cultures – santé du sol
Speaker to be confirmed

13:20 Débat d'experts
Laurent Thannberger (Valgo, RNEST), Jerome Cortet (Université Paul-Valéry Montpellier 3)

13:45 Fin de la formation

Register yourself in the Google form https://forms.gle/xYxJ1DfKwH3GoSFX6

SESSION 14

E3358-23a – Standard Guide for Per- and Polyfluoroalkyl Substances Site Screening and Initial Characterization

TUESDAY 16 SEPTEMBER
14:30 – 15:30 CEST (Central European Summer Time)

ONLINE

Opening

14:30 Welcome from ASTM International and Remtech Europe
Stephanie Fiorenza (ASTM International), Molly Lynyak (ASTM International) Marco Falconi (ISPRA, Remtech Europe)

Presentations

14:35 E3358-23a – Standard Guide for Per- and Polyfluoroalkyl Substances Site Screening and Initial Characterization
Sriram Madabhushi

15:25 Questions and Answers
Stephanie Fiorenza (ASTM International) Marco Falconi (ISPRA, Remtech Europe)

15:30 End of the training

Register yourself in the Google form https://forms.gle/YEh1dvUMLAH3kg2H9
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SESSION 15

E3488-25 – Standard Guide for Moving Sites to Closure (MStC) for Petroleum Underground Storage Tank (UST) Releases

TUESDAY 16 SEPTEMBER
15:30 – 16:30 CEST (Central European Summer Time)

ONLINE

Opening

15:30 Welcome from ASTM International and Remtech Europe
Stephanie Fiorenza (ASTM International) Marco Falconi (ISPRA, Remtech Europe)

Presentations

15:35 E3488-25 – Standard Guide for Moving Sites to Closure (MStC) for Petroleum Underground Storage Tank (UST) Releases
Tom Schruben, Curt Stanley

16:25 Questions and Answers
Stephanie Fiorenza (ASTM International) Marco Falconi (ISPRA, Remtech Europe)

16:30 End of the training

Register yourself in the Google form https://forms.gle/qVfCYVVcJoBVfuF66

SESSION 16
E3460-24 – Standard Guide for Climate and Community Mapping

TUESDAY 16 SEPTEMBER
16:30 – 17:30 CEST (Central European Summer Time)

ONLINE

Opening

16:30 Welcome from ASTM International and Remtech Europe
Stephanie Fiorenza (ASTM International) Marco Falconi (ISPRA, Remtech Europe)

Presentations

16:35 E3460-24 – Standard Guide for Climate and Community Mapping
David J. Soucek (U.S. Geological Survey, ASTM International)

17:20 Questions and Answers
Stephanie Fiorenza (ASTM International) Marco Falconi (ISPRA, Remtech Europe)

17:30 End of the training

Register yourself in the Google form https://forms.gle/ZprhGgizTtozvGNV7

SESSION 17

Responding to Industry Needs in Standards for Microparticles and Microplastics

TUESDAY 16 SEPTEMBER
17:30 – 18:30 CEST (Central European Summer Time)

ONLINE

Opening

17:30 Welcome from ASTM International and Remtech Europe
Stephanie Fiorenza (ASTM International) Marco Falconi (ISPRA, Remtech Europe)

Presentations

17:35 Responding to Industry Needs in Standards for Microparticles and Microplastics
Robert Thompson (RThompson Services), Joana Sipe (Arizona State University), Justin Gorham (National Institute for Standards and Technology), William Lipps (Shimadzu), Sriram Madabhushi (AECOM)

18:20 Questions and Answers
Stephanie Fiorenza (ASTM International) Marco Falconi (ISPRA, Remtech Europe)

18:30 End of the training

Register yourself in the Google form **https://forms.gle/i7FX6Q9yF1vmRTDs5**

SESSION 18
Safe and efficient reuse of wastewater

TUESDAY 16 SEPTEMBER 2025
17:15 – 19:15 CEST (Central European Summer Time)

ONLINE

Opening

17:15 Introduction from the Chairs
Frank Swartjes (RIVM), Claudio Sorrentino (DTSC)

17:20 Mitigating risks and maximizing sustainability of treated wastewater reuse for irrigation in Israel
Eddie Cytryn (Volcani Institute, Rishon Lezion, Israel)

17:35 Smart wastewater reuse strategies: A Portuguese case study on irrigation
Tiago Martins (KU Leuven, Belgium / NOVA University of Lisbon, Portugal)

17:50 Comprehensive groundwater management using recycled water in California, USA
Jayne Joy (Santa Ana Regional Water Quality Control Board, California, USA)

18:05 Urban wastewater treatment and reuse in Europe: new regulations and challenges
Luigi Rizzo (University of Salerno)

18:20 Impact assessment of wastewater use for irrigation in parts of Musi river basin, South India
Surinaidu Lagudu (National Institute of Hydrology, Roorkee, India)

18:35 Panel discussion, stakeholders questions and wrap up
Frank Swartjes (RIVM), Claudio Sorrentino (DTSC), Paula Panzino (AZDEQ, ITRC)

19:15 *End of the Training*

Register yourself in the Google form https://forms.gle/5RsZN6ya1n95agUr8

REMTECH Europe

SESSION 19

Mining Legacies: Assessment, Risk, and Recovery

WEDNESDAY 17 SEPTEMBER
09:15 – 11:00 CEST (Central European Summer Time)

White Room
1° floor

Opening

09:15 Welcome from the Chairs

Presentations

09:20 KAJAK – State funded investigation, remediation and development projects on closed and abandoned mining waste facilities in Finland
Nina Lehtosalo (Ministry of the Environment of Finland, FI), Antti Knuuti (Deep Scan Tech, FI)

09:35 Vermitechnology: A nature-based solution for sustainable remediation and recycling of coal mine waste into nutrient-rich organic amendments
Sumit Kumar, Pradip Bhattacharyya (Indian Statistical Institute), Pankaj Kumar Roy (Jadavpur University, IN)

09:50 Problems and solutions for investigating and remediating off-site contamination from mining and smelting sites
Graeme Miller (Senversa), Ed Burton (Southern Cross University, AU)

10:05 Leveraging Microbial DNA Analysis for Mine Management and Remediation
Dora Taggart, Sam Rosolina (Microbial Insights, US), Claudio Sandrone (BAW, IT)

10:20 The legacy of mining in the Iberian Pyrite Belt: effects on environmental quality in the Chança Reservoir
Ana Barroso, Teresa Valente, Isabel Margarida H. R. Antunes, Renato Henriques (University of Minho, PT), Amélia Paula Marinho Reis (University of Aveiro, PT)

10:35 Panel discussion moderated by chairs

11:00 End of the session

Register yourself in the Google form https://forms.gle/QUf13BJddyxC7MUE9

senversa

microbialinsights

BAW REMEDIATION TECHNOLOGIES

SESSION 20

PFAS Under the Lens: Science, Solutions and Society – H2020-SCENARIOS

WEDNESDAY 17 SEPTEMBER
09:00 – 17:00 CEST (Central European Summer Time)

Blue Room
1° floor

Opening

09:00 Institutional greetings

09:15	**Session 1 – Detection, Modelling and environmental behaviour of PFAS**
11:00	Coffee Break
11:15	**Session 2 – Removal and destruction of PFAS, from technologies to case studies**
13:00	Lunch Break and networking
14:00	**Session 3 –Environmental Performance and Societal Impacts**
15:15	Coffee Break
15:30	**SCENARIOS Governing Board meeting (restricted to Scenarios consortium)**
16:00	**Round table: Governance and Policy Uptake (Jointly organized with RemTech Expo)**
17:00	**End of the session**

This final session brings together representatives from European institutions, regulatory bodies, industry, and civil society to discuss how the SCENARIOS project and related initiatives can support policy development, regulatory transitions, and multi-level governance in the context of PFAS and persistent pollutants.

Register yourself in the Google form https://forms.gle/zmjdMnKoHpEGWgYCA

SESSION 21
PROJECT SOILL

WEDNESDAY 17 SEPTEMBER
09:00 – 13:00 CEST (Central European Summer Time)

Pavillion 5

Opening
09:00 Welcome to participants

09:10 Agenda (work in progress)

13:00 End of the session

Free Registration for participation online and in presence
https://forms.gle/J5b3SDF4JQA6a8PV7

REMTECH Europe

SESSION 22
Solutions for POPs and Pesticides

WEDNESDAY 17 SEPTEMBER
09:15 – 11:00 CEST (Central European Summer Time)

Europe Room
2° floor

Opening

09:15 Welcome from the Chairs

Presentations

09:20 Effect of selected hydrochars addition on alachlor mobility in a column packed with Danube geosorbent
Irina Jevrosimov, Marijana Kragulj Isakovski, Srđan Rončević, Jelena Beljin, Snežana Maletić (University of Novi Sad, RS)

09:35 Effects of thermal treatment on soil organic matter and bioaccessability of residual PAHs in soils from a coking factory in China
Jing Song, Haibo Yu, Wei Tang, Jingchun Yan, Yongming Luo (Chinese Academy of Sciences) Lu Feng, Xin Hong (Anhui University, CN)

09:50 Analysis of bifenthrin insecticide in surface and groundwater from the Niayes agricultural area of Senegal by classical fluorescence and automatic fluorescence monitoring
Diène Diégane Thiaré, Anta Sarr, Néhou Diouf, Coumba Faye, Astou Ndiaye, Atanasse Coly (Université Cheikh Anta Diop, SN), Philippe Giamarchi (Université de Bretagne Occidentale (UBO), FR)

10:05 MIBIREM: A Solution for Europe's Hexachlorocyclohexane Legacy
Giacomo Bernabei, Giampiero De Simone, Simona Di Gregorio (University of Pisa, IT)

10:20 Full scale treatment trial for PFAS contaminated waste water at flows up to 600 m3/h, using PFAS flocculant PerfluorAd
Helena Hinrichsen, Matthew Ingram, Dave Cliftonn (Cornelsen)

10:35 Monitoring Pesticide Contamination in Wastewater: A Strategy for Safe Water Reuse
R.S. Carvalho, J. Brinco, E.P. Mateus, A.B. Ribeiro, N. Couto (NOVA University, PT), P. Guedes (Aarhus University, DK), P. Tyrologou, N. Koukouzas (CERTH, GR)

10:50 Panel discussion moderated by chairs

11:00 End of the session

Register yourself in the Google form https://forms.gle/4S5LxQ7XsFKreeak7

cornelsen
Re:Think Water

REMTECH Europe

SESSION 23
In Situ Soil Remediation

WEDNESDAY 17 SEPTEMBER
11:30 – 13:10 CEST (Central European Summer Time)

White Room
1° floor

Opening

11:30 Welcome from chairs

Presentations

11:35 Preliminary results of cfd simulation of in situ thermal desorption for hydrocarbon-contaminated soil remediation
Rosario Napoli, Filippo Fazzino, Stefano Mauro, Federico G.A., Vagliasindi, Pietro P. Falciglia (University of Catania, IT)

11:50 Fenton's reagents as a versatile driver for in situ chemical oxidation, biological oxidation and boosted soil vapor extraction for BTEX and light TPH compounds
Lionel Counet, Jeroen Vandenbruwane, Steven Van Buggenhout (Injectis, BE)

12:05 A mycelium-colonized geotextile to effectively bioaccumulate and biodegrade hydrocarbons
Carmen Mirabelli, Didier Chifflet (Yphen), Patrice Cheval, Samuel Perrissoud (MPGeotex, SAPIENS group)

12:20 In-situ immobilization of heavy metals in estuarine pyrite ash deposits through low-pressure alkaline injection
Ibon Lekue, Eduardo Alzola, Nerea Duroudier, Bárbara Angulo, Mari Luz Artíguez, Unai Reyes, José Antonio Capón (AFESA Medio Ambiente, SP)

12:35 Applying Electrical Resistance Heating in Highly Occupied Areas
Thiago L Gomes, Jacob Seeman (DOXOR, BR)

12:50 Panel discussion moderated by chairs

13:10 End of the session

Register yourself in the Google form https://forms.gle/bJrMTv7VYKCk8Uxx8

NJECTIS YPHEN AFESA DOXOR

REMTECH Europe

SESSION 24

Circular Economy Solutions for Environmental Remediation

Europe Room
2° floor

WEDNESDAY 17 SEPTEMBER
11:30 – 13:10 CEST (Central European Summer Time)

Opening

11:30 Welcome from chairs

Presentations

11:35 INTECH4WATER project for innovative wastewater treatment by integrated technologies: nanostructured materials design
M. Blosi, C. Artusi, A. Costa, (National Research Council, IT), S. Amadori, M. Vespignani (Parma University), S. Pancaldi, C. Baldisserotto, T. Chenet, L. Ferroni (Terra&Acqua Tech Laboratory), M. Melis, A. Senatore P. Giacò (University of Ferrara), B. Esposito (Proambiente), L. Sciubba, R. Guzzinati (ENEA), E. Carfagna (University of Bologna, IT)

11:50 Biochar-modified electrodes: advancing sustainable voltammetric sensing platforms
Nina Đukanović, Tamara Apostolović, Tijana Marjanović Srebro, Jasmina Anojčić, Sanja Mutić, Jelena Beljin (University of Novi Sad, RS)

12:05 RISE: engineering contaminated soils for re-use
Tommy Shearer (Institute of Engineers of Ireland, IE)

12:20 Combined Adsorption and Biodegradation Process for the Remediation of Chlorinated Solvent-Contaminated Groundwater: An Example of Circularity
Naima Blal, Marco Petrangeli Papini (Sapienza University of Rome, IT)

12:35 Remediation by landfill mining of the Slettebakken landfill in Bergen, Norway
Siegfried D'Haene (DEME Environmental)

12:50 Panel discussion moderated by chairs

13:10 End of the session

Register yourself in the Google form https://forms.gle/TNzQEhijJh7dHXyr9

DEME ENVIRONMENTAL

SESSION 25

Business opportunities in Ethiopia, Uganda and Ruanda in Urban Regeneration, Natural Risk protection, Energy and Raw Materials

WEDNESDAY 17 SEPTEMBER

13:30 – 14:30 CEST (Central European Summer Time)

White Room
1° floor

Opening

13:30 Introduction

13:40 Business opportunities in Ethiopia, Uganda and Ruanda in Urban Regeneration, Natural Risk protection, Energy and Raw Materials
Claudio Pasqualucci (ICE)

14:30 *End of the session*

Register yourself in the Google form https://forms.gle/58CdKLwuwA6UNi5z5

REMTECH Europe

SESSION 26

Brownfield Redevelopment and Urban Regeneration

WEDNESDAY 17 SEPTEMBER

14:45 – 16:45 CEST (Central European Summer Time)

White Room
1° floor

Opening

14:45 Welcome from the Chairs

Presentations

14:50 Green Industrial Areas
Milena Sperber (Ministry of Economy, Infrastructure, Tourism and Labour Mecklenburg-Vorpommern)

15:05 From EHS to ESG: Evolution of Due Diligence Approaches
Mattia Colombo, Alessandro Intile (HPC Italia)

15:20 Cost and Material Estimations for Decommissioning and Repowering Utility-Scale PV Plants
Alberto Pico, Cara Libby, Robin Bedilion, Anand Kumar, Nicolas Marx (EPRI Europe)

15:35 Regenerating Cities, Rethinking Waste: Circular Use of Excavated Soils through On-Site Earth Block Production
Ibon Lekue, Eduardo Alzola, David Pampliega, Nerea Duroudier, Paula Garrido, Mari Luz Artíguez, Unai Reyes, José Antonio Capón (AFESA Medio Ambiente)

15:50 Former bowling terminal remediation project
Hendrik Nollet, Siegfried D'Haene (DEME Environmental)

16:05 Exploring Initial Plume Configurations to Reproduce Anomalous Transport Behavior in a Complex Urban Site. Case of Study: Colombia
Oscar D. Álvarez-Villa, Valentina Ramirez, Sarita Garcés (Emergente Sustainable Energy), Laura Cardenas, Alejandra Romero (Novambientti Soluciones Ambientales, CO)

16:20 Panel discussion moderated by chairs

16:45 End of the session

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NOVAMBIENTTI SOLUCIONES • AMBIENTALES

DEME ENVIRONMENTAL

AFESA

REMTECH Europe

SESSION 27
Soil Health and Emerging Contaminants

WEDNESDAY 17 SEPTEMBER
14:30 – 16:10 CEST (Central European Summer Time)

Europe Room
2° floor

Opening

14:30 Welcome from the Chairs

Presentations

14:35 Optimization of Soil Health and Agronomic Performance: Effects of Integrated Tillage Systems and Nutrient Management Strategies on Growth Dynamics and Yield of Lowland Rice
Clea Anne V. Corsiga, Marciano D. Tangpos (Cebu Technological University-Barili, Philippines)

14:50 Beyond Preaching to the Choir: Why Farmers' Soil Knowledge is Essential to the Agroecology and Soil Health - The Case of Termite Mounds in Cambodian Paddy Fields
Sivmey CHHOEUNG, Ratha MUON (Institute of Technology of Cambodia (ITC)), Sreypich SINH, Kimchhin SOK (Royal University of Agriculture, Cambodia), Chanrithy LAO (Sorbonne University), Pascal JOUQUET, Arun MARTIN, Nachy LY (Institute of Research for Development (IRD)), Eve Bureau-Point (National Center for Scientific Research (CNRS), France)

15:05 Shaping Tomorrow's Soil Health: A Focus on Prioritizing Contaminants of Emerging Concern (CEC) in soil and groundwater Investigations
Antoine Zanutel, Louis Druon, Laura Lefèvre, Clément Laurent, Karen Van Geert (Arcadis BE), Thomas Lambrechts (Service public de Wallonie, BE)

15:20 Soil Health Descriptors in Focus: A Case Study and a Gamified Learning Approach
Vanessa G. Correia, Raquel Carvalho, João Brinco, Eduardo P. Mateus, Alexandra B. Ribeiro, Nazaré Couto (NOVA University, PT) Paula Guedes (Aarhus University, DK)

15:35 Multiscales and Multidisciplinary approaches over multi-contaminated sites: A way to investigate the (multi)benefits of NBS in Europe
Yoann Boisson, Fabienne Tatin-Froux, Manhattan Lebrun, Guillaume Bertrand, Michel Chalot, Julien Parelle, Lisa Ciadamidaro (Université Marie et Louis Pasteur, FR), Solofoniaina Andriamihajason (Microfluidic Innovation Center, FR), Hugo Dorbes, Sophie Fabre (Université de Toulouse, FR), Kostas Iordanoglou, Efthymia Alexopoulou (Center for Renewable Energy Sources and Saving, GR), Andrea Monti, Walter Zegada-Lizarazu (University of Bologna, IT), Engracia Madejon, Paula Madejon (CSIC, Sevilla, SP), Peter Welters (Phytowelt GreenTechnologies), Nicolas Pucheux, Nicolas Manier (INERIS, FR), Aleksandra Zgorska (National Research Institute, PL)

15:50 Panel discussion moderated by chairs

16:10 End of the session

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ARCADIS

REMTECH Europe

SESSION 28

AI and Data Innovations in Remediation

WEDNESDAY 17 SEPTEMBER
17:00 – 18:45 CEST (Central European Summer Time)

White Room
1° floor

Opening

17:00 Welcome from the Chairs

Presentations

17:05 Advanced Artificial Intelligence for On-Site Hydrocarbon, VOC and Chloride Detection: Real-Time Measurements with High Confidence
Jevins Waddell, B.J. Min (TRIUM Environmental, CA)

17:20 Empowering Environmental Intelligence: A Case Study in AI-Powered Knowledge Management and Data Federation for Scalable Data Governance with EQuIS
Dan Alexander (EarthSoft; US)

17:35 AI-Driven Predictive Analytics for Targeted Marketing in Sustainable Technologies
Artemisa Forbes (Oceanfront Agency, CA)

17:50 A Permanent Ground Portal for Non-Destructive HRSC UV Visualization of LNAPL Soil Contamination: From Lab to Field Studies
Julio Zimbron (E-flux, US)

18:05 Paradigm shift in remediation management how to go from decades to months
George A. Ivey (Ivey International Inc., CA)

18:20 Panel discussion moderated by chairs

18:45 End of the session

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trium ENVIRONMENTAL

EQuIS® software by earthsoft

oceanfront

IVEY

E-FLUX

REMTECH Europe

SESSION 29
Bioremediation for Challenging Environments

WEDNESDAY 17 SEPTEMBER
16:45 – 18:30 CEST (Central European Summer Time)

Europe Room
2° floor

Opening

16:45 Welcome from the Chairs

Presentations

16:50 Enhanced Bioremediation Of Petroleum Contaminated Soils In Extreme Arctic and Desert Conditions
George A. Ivey (Ivey International), Miikka Tunturi (Lamor Corporation), Katie Oliver (KBL Environmental, CA)

17:05 Trees and Microbes as Sustainable Nature-Based Treatment on Hydrocarbons and Mixed Waste Sites
Christopher Cohu, Renee Murphy, Galen O'Toole, John Freemann (Intrinsyx Environmental US)

17:20 The Future of Environmental Remediation: Innovative Automation and Bioremediation Solutions in Remote Areas
José Eduardo Blanco Querido, Carlos Cesar Malta de Oliveira, Sandro Souto de Souto, Elisandra Hernandes da Fonseca Herbert Willes Farias de Amorim (Finkler sustainable technologies, BR)

17:35 Normalized Difference Vegetation Index (NDVI) as an Indicator of Bio-remediation Efficiency in Eleme, Ogoni-land Phase-1 Crude Oil-Impacted Soils
Dr. Komommo Omini Abam (National Oil Spill Detection and Response Agency (NOSDRA), NG)), Tubonimi J. K. Ideriah, Akuro Ephraim Gobo, Francis Egobueze (Rivers State University, NG)

17:50 Nature-inspired biodegradation of poly(butylene succinate-co-adipate) from marine environment: the potential of copepod-associated fungi
Giampiero De Simone, Luca Niccolini, Giacomo Bernabei, Riccardo Di Mambro, Simona Di Gregorio (University of Pisa, IT), Maurizia Seggiani, Isabella Buttino (ISPRA, IT)

18:05 Panel discussion moderated by chairs

18:30 End of the session

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IVEY

Finkler SUSTAINABLE TECHNOLOGIES

Intrinsyx Environmental

SESSION 30

Innovative Microbial Solutions for Environmental Remediation: Technologies and Strategies from the NYMPHE Project

Sala Pad 5/6

THURSDAY 18 SEPTEMBER
09:00 – 13:00 CEST (Central European Summer Time)

Opening

09:00 Welcome to participants and presentation of the event
G. Zanaroli, (Nymphe Coordinator), M.Barompriori (Eni Rewind)

09:10 Introduction to the Nymphe Project
G. Zanaroli (UNIBO)

09:30 Aim of the workshop and role of participants
E. Biagi (UNIBO)

Session 1 - Nymphe assemblies of biologics and technologies for wastewater treatment

09:40 METLand technology for micropollutants removal from municipal wastewater with electroactive microbial assemblies
A. Esteve Nunez (METFILTER S.L., Spain)

09:55 Microbial assemblies for pharmaceuticals biodegradation in Membrane Biofilm Reactors
P. Corvini (FHNW, Switzerland)

10:10 Q&A, feedback from participants

10:30 Break

Session 2 - Nymphe assemblies of biologics and technologies for soil bioremediation

11:00 Plant-microbe associations for the phyto-rhizoremediation of PHC-contaminated surface soils
S. Borin (UMIL, Italy)

11:15 Microbial assemblies for the in situ bioremediation of subsurface soils and groundwater contaminated by mixed pollutants
G. Zanaroli (UNIBO), M. Barompriori (Eni Rewind, Italy)

11:30 Q&A, feedback from participants

Session 3 - Innovative approaches for the performance improvement of microbes and microbiomes in bioremediation

11:45 Genetic toolbox for the improvement of microbial strains and communities
T. Aparicio (CSIC, Spain)

12:00 Microbiome modelling and management to improve bioremediation performances
S. Cretoiu (Blomitec, The Netherlands)

12:15 Q&A, feedback from participants

Session 4 – Open Discussion

12:30 Round table with invited SH and speakers. Discussion of feedbacks from participants.

18:30 end of the session

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REMTECH Europe

SESSION 31
PFAS Soil Remediation

THURSDAY 18 SEPTEMBER
09:00 – 11:00 CEST (Central European Summer Time)

White Room
1° floor

Opening

09:00 Welcome from the Chairs

Presentations

09:05 Management of Ultra-Short Chain PFAS: From Characterization to Treatment
Christophe Barnier, Isabelle Delsarte (WSP), & Frederic Marias (RECORD)

09:20 Pilot Scale Thermal Soil PFAS Remediation Test
Søren Eriksen (Krüger)

09:35 Recover, Remediate, Reuse: The Untapped Potential of PFAS Soil Remediation
Eunan Kelly, Michael Nesbitt, Clemence Badier (CDE Group Europe)

09:50 Enhanced PFAS Decontamination Of Soil, Bedrock, Aquifer and AFFF Fire Suppression Systems, Without Foam Fractionation
George A. Ivey (Ivey International), David Holmes (Geosyntec Consultants), Cecilia Macleod, Reshmi Prakash (university of Greenwich, UK), Scott Poynor (Geologic Science and Technology)

10:05 Biopolymer based remediation of PFAS contaminated soils - In Situ Treatment of an AFFF Contaminated Airport Site
Anja Wilken, Stephan Hüttmann, Sophie Mittelstät, Miriam Kunz (Sensatec, DE)

10:20 Panel discussion moderated by chairs

11:00 End of the session

Register yourself in the Google form https://forms.gle/ewefox4sY2hUj2d5A

REMTECH Europe

SESSION 32

Phytoremediation Strategies for Contaminated Soils

THURSDAY 18 SEPTEMBER
09:15 – 11:00 CEST (Central European Summer Time)

Europe Room
2° floor

Opening

09:15 Welcome from the Chairs

Presentations

09:20 Phytoremediation potential of hemp and sorghum enhanced by plant growth-promoting rhizobacteria for heavy metal-contaminated soil
Jelena Beljin, Nina Đukanović, Marijana Kragulj Isakovski, Dragana Tamindžija, Snežana Maletić (University of Novi Sad), Stanko Milić, Tijana Zeremski (Institute of Field and Vegetable Crops, RS)

09:35 Nature-Based Soil Remediation Techniques: Agroforestry as a Sustainable Solution
Haryatie Sarie (Politeknik Pertanian Negeri Samarinda, ID)

09:50 Evaluation of Heavy Metal Uptake Efficiency in Vetiver Grass (Vetiveria zizanioides)
Chuck Chuan NG (China-ASEAN College of Marine Sciences, Xiamen University Malaysia)

10:05 Nature-based solution. Application of phytoremediation technologies in agricultural areas – lessons learned and planning for the future
Allegrini F., Pianu M., Ercolani V., Raffaele V. (ENI), Cerutti G., Francioli A., Donati D. (HPC AG)

10:20 Innovative Biosorbent materials for PFAS removal from contaminated water
Marta Senofonte, Laura Lorini, Giulia Simonetti, Marco Petrangeli Papini (Sapienza University of Rome), Carmela Riccardi (INAIL, IT)

10:35 Phytoremediaton strategy for improvement of soil biological state and mitigation of organic pollution
Dragana Tamindžija, Kristina Kokotović, Dragan Radnović, Marijana Kragulj Isakovski, Irina Jevrosimov, Snežana Maletić (University of Novi Sad), Stanko Milić, Tijana Zeremski (Institute of field and vegetable crop, RS)

10:50 Panel discussion moderated by chairs

11:10 End of the session

Register yourself in the Google form https://forms.gle/nboudpTUTc26N1qr6

HPC

REMTECH Europe

SESSION 33

Groundwater remediation

White Room
1° floor

THURSDAY 18 SEPTEMBER
11:30 – 13:30 CEST (Central European Summer Time)

Opening

11:30 Welcome from the Chairs

Presentations

11:35 Estimating when natural biodegradation of petroleum in soil and groundwater exceeds rates achieved by active remediation
Kaveh Sookhak Lari, John L. Rayner, Greg B. Davis (CSIRO, AU), Andrew King (BP Australia)

11:50 Remediation of groundwater and soil contaminated by heavy oil: a sustainable approach to environmental rehabilitation
Raul Mucciolella, Ilaria Paiani, Silvia Cattarino, Simone Bruschi, Miriana Cotrer, Antonino Sava (Geostream)

12:05 Full scale treatment of PFAS contaminated surface water runoff using SAFF in combination with additives for enhanced removal of short chain PFAS
Helena Hinrichsen, Matthew Ingram (Cornelsen)

12:20 Enhanced LNAPL Recovery From Low Permeability Strata by Means of Sand Layer Injection Using i-SAV© Technology and Non-ionic Surfactant Application
Heckelsmueller A., Dannwolf U.(RiskCom), Ivey, G.(Ivey International)

12:35 A Summary of One and A Half Decades of NAPL Contaminant Natural Source Zone Depletion (NSZD)
Julio Zimbron (e-FLUX)

12:50 Anaerobic bioremediation – an innovative, nature-based approach to dealing with tar contaminations
Danny de Graaff, Frank Volkering (TAUW)

13:05 Panel discussion moderated by chairs

13:30 End of the session

Register yourself in the Google form https://forms.gle/wENVQo3RBsazzdJJ7

GEOStream cornelsen Re:Think Water
E-FLUX TAUW IVEY

REMTECH Europe

SESSION 34
HRSC and 3D Site Characterization

THURSDAY 18 SEPTEMBER
11:45 – 13:30 CEST (Central European Summer Time)

Europe Room
2° floor

Opening

11:45 Welcome from the Chairs

Presentations

11:50 A statistical approach to identify CH4 hot spots in landfills using UAV data
Maurizio De Molfetta, Donatello Fosco, Bruno Notarnicola, Pietro Alexander Renzulli (Università degli Studi di Bari), Maurizio Guerra, Marco Falconi, Vincenzo Fiano, Chiara Fiori, Antonella Vecchio (ISPRA, IT), Antonio Diligenti (ARTA Abruzzo, IT), Lucina Luchetti (Regione Abruzzo, IT), Enrico Sacchi (LAV), Nino Tarantino (Commissario Bonifiche Discariche), Marcello Tognacci (Whitelab)

12:05 Study on Cross-Medium Migration of Halogenated Hydrocarbons in The Amphibious Cross-Contamination Site Based on Electrical Methods: Hydrodynamic Constraints
Yu Wang, Guanlin Guo, Xiaoyang Liu, Juan Wang, Tingting Fang, Xueting Shao (Ministry of Ecology and Environment, CN)

12:20 3D Numerical Flow Modeling of Groundwater Circulation Wells Using Streamlines
Niloufar Falakbaz (IEG Technology, DE)

12:35 Old versus recently contaminated sites, usual versus exotic contaminants, simple versus complex sites under the focus of modern investigation systems: how much we still miss when we think we do know
Eugen Martac (Fugro), Claudio Carusi (Mares)

12:50 Biochar-modified electrodes: advancing sustainable voltammetric sensing platforms
Nina Đukanović, Tamara Apostolović, Tijana Marjanović Srebro, Jasmina Anojčić, Sanja Mutić, Jelena Beljin (University of Novi Sad, RS)

13:05 Panel discussion moderated by chairs

13:30 End of the session

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IEG FUGRO MARES

LIVE DEMO

In front of the White Room

Exhibition area

External area

SESSION 35

Live Demo

THURSDAY 18 SEPTEMBER - 13:30 – 16:00 CEST (Central European Summer Time)

13:30 Meeting in front of White Room with the chairs: Carlo Bianco, Laurent Thannberger and then moving around the exhibition area

13:40 The use of Vapor Pin for subslab vapor intrusion measurements
Craig Cox (Cox Colvin)

14:00 On-site mass spectroscopy as high resolution added value for a correct assessment of the functional and spatial dependencies in the underground contaminant development
Eugen Martac, Holger Strauss (Fugro)

14:20 LIDAR survey, visual inspections, and remote indirect measurements performed using a drone designed for confined environments
Marco Uliano (Tecno In), Claudio Sandrone (BAW)

14:40 EVO droplets, the difference in size between factory and in the field created emulsions
Robert Wagenweld (QM Environmental)

15:00 MIP use and simulation
Alessia Fortunati (ECOSEARCH), speaker to be confirmed (Eijkelkamp)

15:20 FOAMFLEX Absorbs Oil, Not Water: A Live Demo of Sustainable Innovation for Oil Spill Recovery
Alessandro Taini (Test1)

15:40 The use of speditive analysis in site characterization
Alessandro Bersani (RECOM)

16:00 End of the session

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REMTECH Europe

SESSION 36
PFAS Management Strategies

THURSDAY 18 SEPTEMBER
14:15 – 16:30 CEST (Central European Summer Time)

White Room
1° floor

Opening

14:15 Welcome from the Chairs

Presentations

14:20 Integrating Regulatory Compliance and Sustainable Remediation for PFAS and Vapor Intrusion at a Legacy Petrochemical Facility in Australia
Ross Edwards (JBS&G Australia)

14:35 A tool to evaluate and classify the potential risk of PFAS contamination from industrial sites
Anna De Fina, Lorenzo Ferraresi, Elena Mangherini, Maite Tejerina Nunez, Silvia Ziliani (WSP)

14:50 Navigating the PFAS Tsunami in Europe: Insights and Future Directions
Dirk Nuyens, Jan Van linden, Piero Mori, Michele Remonti, Benoist Delhalle, Olivier Corrège, Andrea Herch, Georg Stiebeling, Pascale Girod, Andreas Stoll (ERM)

15:05 Developing a Methodological Approach for Preliminary PFAS Environmental Risk Assessment in Airports
Iraklis Panagiotakis, Eleni Strompoula, Theodoros Toskos (ENYDRON – Environmental Protection Services), Dimitris Dermatas (National Technical University of Athens)

15:20 Unveiling complete natural reductive dechlorination mechanisms of chlorinated ethenes in groundwater: Insights from functional gene analysis
Zachary Neigh, Julie McCurdy-Lamb, William Leys (AECOM)

15:35 PFAS Data Evaluation Tool
Nicoletta Cavaleri (Jacobs)

15:50 Local pollutions of PFAS in soil and groundwater – Feedback from Belgium (Wallonia)
Thomas Lambrechts, Océane Liegeois, Bénédicte Dusart (Service public de Wallonie), Marie Jailler, Jean-François Heilier, France Baumans, Marie Heeren (SPAQuE), Sophie Crevecoeur, Emilie Séleck, Pierre Jacquemin, Christophe Lambert, Xavier Veithen, Damien Gillard (ISSeP)

16:05 Panel discussion moderated by chairs

16:30 End of the session

Register yourself in the Google form https://forms.gle/AmEfG8VTNAvQ7n5p9

JBS&G ENYDRON ERM Jacobs wsp AECOM

REMTECH Europe

SESSION 37
Chlorinated Solvent Remediation

Europe Room
2° floor

THURSDAY 18 SEPTEMBER
14:30 – 16:15 CEST (Central European Summer Time)

Opening

14:30 Welcome from the Chairs

Presentations

14:35 Environmental Conditions Shaping Dechlorinating Microbial Communities: A Case Study on Biostimulation and Bioaugmentation in Chlorinated Solvent- Contaminated Groundwater
Bruna Matturro, Simona Rossetti (Water Research Institute IRSA-CNR), Marco Zeppilli, Laura Lorini, Marco Petrangeli Papini (Sapienza University of Rome)

14:50 Electro-nano - bioremediation Technology for In-situ Degradation of CHC from Low Permeable Aquifer
Vaclav Sredl, Petr Kvapil, Vojtech Antos (Photon Water Technology), Jaroslav Nosek, Tomas Pluhar (Technical University of Liberec), Pierre Matz, Salvador Asensio Gimenez, Jose-Javier Garrido (SOLVAY), Andreas Tiehm, Steffen Hertle (TZW)

15:05 Closure Strategy: DNAPL Impacts in a Karst Setting
Johan De Fraye (Signify), Dennis Connair, Rachel Bosch (AECOM)

15:20 Decades of Chlorinated Solvent Contamination in UK Aquifers: A Data-Driven Assessment
Nouha Samlani, Tannaz Pak (Teesside University, UK)

15:35 Functional genomics of the genus Cladosporium: insights into the myco-remediation of Halogenated Organic Compounds (HOCs)
Giampiero De Simone, Giacomo Bernabei, Riccardo Di Mambro, Simona Di Gregorio (University of Pisa), Thibault Le Gratiet, Laurence Fraissinet-Tachet (University Claude Bernard Lyon 1, FR) David Bernard Levin (University of Manitoba - CA)

15:50 Panel discussion moderated by chairs

16:15 End of the session

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AECOM

PHOTON WATER

Signify

REMTECH Europe

SESSION 38
PFAS Water Treatment

THURSDAY 18 SEPTEMBER
16:45 – 18:45 CEST (Central European Summer Time)

White Room
1° floor

Opening

16:45 Welcome from the Chairs

Presentations

16:50 Microbial Defluorination of TFA, PFOA, and HFPO-DA By a Native Microbial Consortium under Anoxic Conditions
Xin Song, Zhiwen Tang (Chinese Academy of Sciences)

17:05 Synthesis, characterization, and application of TiO2 Polymer-based Nanocomposite for remediation of PFAS portable groundwater with adsorption and kinetic modeling
Anshul Tiwari, Pranjal Yadav, Devendra Kumar Patel (CSIR-Indian Institute of Toxicology Research)

17:20 Electrochemical reduction of PFAS in situ – presentation of laboratory and field test results and most likely identified mechanisms of contaminant reduction
Namuun Gambat, Petr Kvapil, Emily Brown, Ian Phillipps (Photon Water), Jaroslav Nosek, Alena Pavelková (Technical University of Liberec), Tomáš Cajthaml, Jaroslav Semerád (MBU AVCR), Jan Filip (Univerzita Palackého v Olomouci, CZ)

17:35 Treatment of different complex PFAS contaminated water matrixes using PFAS flocculation additive PerfluorAd in combination with DAF
Helena Hinrichsen, Matthew Ingram (Cornelsen)

17:50 Innovative Biosorbent materials for PFAS removal from contaminated water
Marta Senofonte, Laura Lorini, Giulia Simonetti, Marco Petrangeli Papini (Sapienza University of Rome), Carmela Riccardi (INAIL, IT)

18:05 Microbial remediation of PFAS-Impacted Industrial Soil & Water
Katherine French, Jordan Baker, Azion White, Nate Diplock (BluumBio, US)

18:20 Panel discussion moderated by chairs

18:45 End of the session

Register yourself in the Google form https://forms.gle/JEaFr9i3Eups9DAy8

BLUUMBIO

cornelsen Re:Think Water

PHOTON WATER

REMTECH Europe

SESSION 39

Sustainable Strategies for Pollution Management

THURSDAY 18 SEPTEMBER
16:45 – 18:45 CEST (Central European Summer Time)

Europe Room
2° floor

Opening

16:45 Welcome from the Chairs

Presentations

16:50 Fungal-based biosorbent as a sustainable environmental approach for removal of heavy metal pollutants from contaminated water
Anjali V. Prajapati, Devayani R. Tipre (Gujarat University, IN)

17:05 Sustainable soil remediation: leveraging microbial biosurfactants for hydrocarbon degradation
Marta Puddu, Gabriele Beretta, Sabrina Saponaro, Elena Sezenna (Politecnico di Milano, IT)

17:20 Statistical and experimental study on the possible origins of Arsenic found in groundwater in an industrial area
Luca Piccapietra (Stantec), Carlo Monti (ET&EC), Francesco Picardi, Marcello Mancini, Marcello Pianu, Viviana Ercolani, Valentina Raffaele (ENI)

17:35 Data sources of diffuse soil contamination in Europe
Timo Tarvainen, Kristiina Nuottimäki, Emilia Kosonen (GTK, FI), Henna Jylhä (SYKE, IT)

17:50 Geology and land use as drivers for the determination of natural background level in groundwater: insights from arsenic, radon, and fluoride analysis in central Italy
Giulia Felli, Paolo Ciampi, Leonardo Maria Giannini, Ebrahim Ghaderpour, Carlo Esposito, Marco Petrangeli Papini (Sapienza University of Rome, IT)

18:05 Urban sustainability and mobility indicators: a statistical framework for comprehensive quantitative assessment
Franco Giovanardi, Marina Amori (ISPRA, IT)

18:20 Panel discussion moderated by chairs

18:45 End of the session

Register yourself in the Google form https://forms.gle/aCyX35q6W9dte4nz8

Stantec

SESSION 40
IED 2.0 in Action: Evolution, Challenges and Tools for Implementation

Europe Room
2° floor

FRIDAY 19 SEPTEMBER
09:00 – 11:00 CEST (Central European Summer Time)

Opening

09:00 Welcome from the Chair and presentation of the speakers
Davide Iaria (ISPRA)

Presentations

09:05 The new Industrial and Livestock Rearing Emissions Directive (IED 2.0)
Antonio Milillo (MASE)

09:35 The Sevilla process
Gianluca Cusano (MASE)

10:00 OECD BAT work: the future of Best Available Techniques in IPPC
Berrak Eryasa (OECD)

10:15 IMPEL Industry and Air expert team activities 2025-2027
Paula Vehmaanperä (IMPEL)

10:30 Ceramic manufacture industry BRef
Adele Lo Monaco (ARPAE)

10:45 The SNPA Guidelines for the Transposition of the IED Directive
Daniela Cescon (ARPA Piemonte), Nadia Tomasini (ARPA Lombardia)

11:00 End of the training

Register yourself in the Google form https://forms.gle/6svZ3srfd7epfUCt5

REMTECH Europe

SESSION 41
Integrated Strategies for Soil Bioremediation

FRIDAY 19 SEPTEMBER
09:15 – 11:10 CEST (Central European Summer Time)

White Room
1° floor

09:15 Welcome from the Chairs

Presentations

09:20 Presentation of other conferences on contaminated sites: dates, location, topics, deadlines, call for abstracts – ALGA ecoforum 28-30 October (Matthew Potter), Nicola Africa 5-6 November (Heidi Snyman), ENSOr 13-14 October (Johan Ceenaeme) and others, coordination of Marco Falconi (ISPRA)

09:35 A comprehensive study on the occurrence,bioaugmentation-assisted bioremediation, and biodegradation mechanisms for polychlorinated biphenyls in contaminated environments
Auwalu Hassan (University of Kashere, NG), Azman Azid (Universiti Sultan Zainal, MY), Innocent Chukwunonso Ossai (University of Malaya, MY)

09:50 Outcome of large-scale soil remediation works in Kuwait – Soil Washing
Miikka Tunturi (Lamor Corporation)

10:05 Nature-based solution. Application of phytoremediation technologies in agricultural areas – lessons learned and planning for the future
Matteo Masi, Federica Brogioli, Cosimo Masini (DND Biotech)

10:20 Methods for Combining In Situ Chemical Oxidation and Bioremediation
Brant A. Smith, Josephine Molin (Evonik Corporation), Alberto Leombruni, Mike Mueller (Evonik Operations)

10:35 Long-Read Sequencing Technologies: Advantages, Applications, and Functional Prediction for In Situ Bioremediation
Bruna Matturro (New Biodiversity Future Center, IT), Luca Niccolini, Simona Rossetti (Water Research Institute IRSA-CNR, IT), Andrea Firrincieli, Maurizio Petruccioli (University of Tuscia, IT), Martina Cappelletti (University of Bologna)

10:50 Panel discussion moderated by chairs

11:10 End of the session

Register yourself in the Google form https://forms.gle/xo9esAsu34Mfbtr28

LAMOR

EVONIK Leading Beyond Chemistry

biotech DnD Discover New Direction

SESSION 42

European chemicals policy for the protection of the environment and human health: new hazard classes under the Classification, Labelling and Packaging (CLP) Regulation

Europe Room
2° floor

FRIDAY 19 SEPTEMBER
11:30 – 13:30 CEST (Central European Summer Time)

Opening

11:30 **Welcome from the Chairs**
Dania Esposito (Italian Institute for Environmental Protection and Research – ISPRA, Italy)

Presentations

11:40 **Introduction to the new CLP hazard classes for PBT/vPvB and PMT/vPvM**
Simon Uphill (European Chemicals Agency – ECHA)
Topics covered: introductory elements, CLP Regulation, new CLP hazard classes and protection goals, criteria.

12:00 **Harmonised classification and labelling under CLP**
Konstantinos Prevedouros (European Chemicals Agency – ECHA)
Topics covered: CLH process, actors, roles & responsibilities, Guidance development exercise, lessons learned from processing of first cases.

12:20 **Practical examples/Case Studies**
Sílvia Lacorte Bruguera (Department of Environmental Chemistry & IDAEA-CSIC, Spain), Hans Peter Arp (Norwegian Geotechnical Institute – NGI, Norway)
Topics covered: examples/case studies related to the new CLP Hazard classes

12:40 **Focus on difficult substances**
Hans Peter Arp (Norwegian Geotechnical Institute – NGI, Norwegian)
Topics covered: volatile substances, superhydrophobic, mixtures/UVCBs, ions/ionizable

13:00 **A stepwise prioritization approach towards effective regulatory measures of PMT/vPvM substances in the REACH registration database**
Michael Neumann (German Environment Agency (UBA), Section IV 2.3 Chemicals)
Topics covered: Prioritization of PMT/vPvM substances; Regulatory Management Option Analysis (RMOA)

13:20 **End of the session**

Registration: **https://forms.gle/mSp7KUCqQy88F9g8A**

REMTECH Europe

SESSION 43

Human Health and Environmental risks

FRIDAY 19 SEPTEMBER

11:30 – 13:30 CEST (Central European Summer Time)

White Room
1° floor

Opening

11:30 Welcome from the Chairs

Presentations

11:35 Application of RESRAD codes in Nigeria's gold mines land reclamation: from legacy to asset
Suleiman Bello (University Katsina, NG); John Simon (National Open University of Nigeria); Muyiwa Michael Orosun (Fukushima University, JP), Margaret Chege (Kenyatta University, KE)

11:50 Lead pollution – it's worse than you think
Graeme Miller (Senversa), Ed Burton (Southern Cross University, AU)

12:05 Criteria for the identification and management of backfill materials at Italian contaminated sites
Alessia Arelli, Oriana Capobianco, Marco Falconi, Maurizio Guerra, Irene Rischia, Antonella Vecchio (ISPRA, IT)

12:20 A Summary of One and A Half Decades of NAPL Contaminant Natural Source Zone Depletion (NSZD)
Demamu Tagele Haligamo, Tamru Tesseme Aragaw (Arba Minch University, ET), Esayas Alemayehu (Jimma University, ET)

12:35 Risk-Based Approaches for the Sustainable Remediation of Mining Liabilities in Peru: Challenges and Lessons Learned
Tatiana Salazar, Paola Santiago, Rosaura Watanabe (WSP)

12:50 Panel discussion moderated by chairs

13:30 End of the session

Register yourself in the Google form https://forms.gle/R6cRBQ1PgffFZPHG7

wsp

senversa

SESSION 44

Business opportunity in Brazil, Road to COP30

FRIDAY 19 SEPTEMBER
13:30 – 14:30 CEST (Central European Summer Time)

White Room
1° floor

Opening

13:30 Welcome to participants and presentation of the event
Juliana Rolla de Leo (United Nation Climate change Global Innovation Hub)

13:40 Business opportunity in Brazil, Road to COP30
Juliana Rolla de Leo (United Nation Climate change Global Innovation Hub, Founder and CEO OMA Ativos Ambientais)
Marcelo Donnini Freire (Focal point UNFCCC Innovation Hub in Brazil and former Climate secretary at Environment Ministery).
Speaker to be determined (UNFCCC)

14:30 End of the session

Register yourself in the Google form https://forms.gle/AKWSEQRiXd54XvJMA

About the innovation Hub: UGIH's Systemic Innovation Workshops were launched in 2023 as part of a wider Systemic Innovation Framework that aims to accelerate the identification, development, and effective deployment of innovative technologies, policies, financial instruments, and business models, as well as cooperative approaches and products from culture and creative industries. This framework supports transformative climate and sustainability innovations to address the needs of the people and the planet.

The strategic role of financial instruments in mitigating the effects of climate change
Innovation and responsibility for a sustainable future
Climate change is one of the most urgent and complex challenges of the 21st century, with profound and cross-cutting impacts on the environment, economy and society. The international community, aware of the severity of this crisis, has initiated processes to reorient economic and industrial policies toward sustainability. In this scenario, financial instruments are assuming a strategic role in guiding the transition to a low-carbon economy and implementing strategies to mitigate the adverse effects of climate change.
Therefore, interacting in a dynamic and systemic way regarding sustainability is what guarantees the proposal of innovative solutions to face challenging situations. And because global attention is increasingly focused on this issue, the market, society and organizations are now dealing with the need for a major change in attitude, increasing their social responsibilities aiming to improving their ability to create lasting value, thus characterizing their own presence in the competitive and globalized market more committed to the parameters of a green and creative economy.
In order to compete in the international market, it is essential to have innovative instruments, in line with the integrality of sustainability concepts, for the strategic management of public and private institutions, integrating them with offers of products and services of high performance, integrity and added value to improve the quality of life of its population.

Addressing climate change, several financial instruments designed to support mitigation and adaptation have emerged in recent years. Among the most notable are:

- Carbon credits and Plastic credits: carbon and plastic credits are emerging as key mechanisms to incentivize the reduction of greenhouse gas emissions and the sustainable management of plastic waste and its circularity. These are two complementary and innovative tools to drive the transition to a low-carbon and lower-impact economy. When embedded in an integrated, regulated and transparent policy framework, they can accelerate decarbonization, incentivize the circular economy and strengthen the environmental responsibility of businesses and citizens.
- Green Bonds: bonds issued to exclusively finance projects with positive environmental impacts, such as renewable energy, energy efficiency, sustainable water management and biodiversity protection.
- Sustainability-linked Bonds: debt securities whose return is linked to the achievement of sustainability goals, thus promoting improvements in the environmental performance of issuing companies.
- Investment impact funds

It is essential that these issues are at the heart of the debate, planning and implementation of the sustainability and innovation agendas, considering the magnitude of the situations to be faced and the multidisciplinary skills they require.
I firmly believe that sustainable development is the principle for establishing a decision-making process that focuses on generating value and rewarding profitability, and returns recognition and rewards to investors, partners and employees.
Seeking to develop innovation within the parameters of sustainability is vitally important, especially since from the point of view of integral sustainable development, innovation and sustainability are inseparable. Innovation therefore permeates all fields of sustainability and vice versa, since faced with the challenge of sustainable development, there is no way to do it without the creative capacity to innovate, to seek out new paths and new concepts, new behaviors and new models that will serve as a foundation for the new times that await us.
Integrating the issue of financial instruments within the COP30 negotiations and decisions means equipping ourselves with operational tools to support the ecological transition, promote the resilience of socio-economic systems, and accelerate the diffusion of innovative solutions. Only through a synergy between finance and international governance will it be possible to materialize an effective and lasting response to climate emergencies.

REMTECH Europe

SESSION 45

Biochar Applications in Soil Remediation

FRIDAY 19 SEPTEMBER

14:45 – 16:45 CEST (Central European Summer Time)

White Room
1° floor

Opening

14:45 Welcome from the Chairs

Presentations

14:50 Efficiency of PGPR-biochar catalyst in optimization of zea mays l. cultivation in marginal soil
Aigerim Mamirova, Almagul Baubekova, Zhuldyz Batykova (Al-Farabi Kazakh National University, KAZ), Tatyana Stefanovska (National University of Life and Environmental Sciences, UKR), Abdulmannan Rouhani, Hana Burdova, Valentina Pidlisnyuk (Jan Evangelista Purkyně University, CZ)

15:05 Current situation and possibilities of biochar use for agricultural and land remediation in Ukraine: A bibliometric analysis
Olha Shomko, Marco Bartoli, Elena Maestri (University of Parma, IT), Iryna Davydova (Zhytomyr Polytechnic State University, UKR)

15:20 Impact of water matrix on persulfate activation efficiency for the removal of lindane and β-endosulfan using corn cob biochar
Tijana Marjanović Srebro, Nina Đukanović, Tajana Simetić, Tamara Apostolović, Jasmina Anojčić, Sanja Mutić, Jelena Beljin (University of Novi Sad, RS)

15:35 Assessing robustness and resilience of combined process for the remediation of TCE-contaminated aquifers
Micaela Abruzzese, Laura Lorini, Naima Blal, Marco Petrangeli Papini (Sapienza University of Rome, IT), Bruna Matturro (IRSA-CNR (National research centre), IT)

15:50 Adsorption of short to long-chain PFAS/PFCAs using Polyethyleneimine Modified Biochar – Effects of Water Matrices and Understanding Mechanisms
Anusha Imran, Daniel D. Gang, Xiaobo Lein, David J. Shoemakern, William E. Holmesn, Hui Yann, Mark E. Zappin (University of Louisiana)

16:05 Panel discussion moderated by chairs

16:25 End of the session

Register yourself in the Google form https://forms.gle/YR4AmzqeZjKo6n7R9

REMTECH Europe

SESSION 46
Waste-Based Approaches for Soil Recovery

FRIDAY 19 SEPTEMBER
14:30 – 16:10 CEST (Central European Summer Time)

Europe Room
2° floor

Opening

14:30 Welcome from the Chairs

Presentations

14:35 INSSPIRED SOULS project: INnovative and Sustainable Stabilization Processes Involving REcycleD SOils and Used materiaLS
Marta di Sante (Marche Politechnic University), Marco Rosone (University of Palermo), Renato M. Cosentini (Turin Politechnic University)

14:50 Urban Sustainable Strategic Waste Management for Secondary City Planning in Bangladesh
Mohammed Aktaruzzaman Hasan (Local Government Engineering Department (LGED)), Vivi Anggraini (Monash University Malesia)

15:05 Odor waste gas was important for the maintenance of a deodorant microbial community of Biological trickling deodorant tower
Hyacinth Wong (Zhengzhou nonferrous metal research institute)

15:20 Thermal and mechanical design and optimization of a cryogenic micro-grinding system using FEM analysis
Ould Brahim Insaf (University of Science and Technology Houari Boumediene, AL)

15:35 Evaluation of biostimulants and mycorrhizae to improve phytomanagement potential of lignocellulosic crops
Pietro Peroni, Walter Zegada-Lizarazu, Erika Facciolla, Andrea Monti (University of Bologna, IT), Giovanni Alessandro Cappelli (Council for Agricultural Research and Economics, IT)

15:50 Soil Remediation and Waste Diversion through Wood Ash Reuse in Bioenergy Cropping Systems
Abdulmannan Rouhani, Valentina Pidlisnyuk, Karim Suhail Al Souki (Jan Evangelista Purkyně University), Sergej Ust'ak, Vojtěch Váňa (Crop Research Institute, CZ), Andrzej Cezary Żołnowski (University of Warmia and Mazury, PL)

16:05 Panel discussion moderated by chairs

16:20 End of the session

Register yourself in the Google form https://forms.gle/KEu7ewZiDKua6rL4A

SESSION 47
Diagnosis, Risk Assessment and Rehabilitation of Environmental Impacts

ONLINE

FRIDAY 19 SEPTEMBER
14:30 – 16:30 CEST (Central European Summer Time)

Opening

14:30 Welcome to the session
Marco Falconi (ISPRA, Remtech Europe)

14:35 Introduction from the chairs
Patricia Ruiz (Soldi Ambiental, AESAS), Thiago L. Gomes (Doxor, AESAS)

Presentations

14:40 Diagnosis, Risk Assessment and Rehabilitation of Environmental Impacts
Speaker to be confirmed

16:15 Panel discussion moderated by chairs

16:30 End of the session

Register yourself in the Google form https://forms.gle/yDjvZaTcwNNAvjUQ6

REMTECH Europe

SESSION 48

Aquatic Ecosystem Restoration Strategies

FRIDAY 19 SEPTEMBER
16:45 – 18:30 CEST (Central European Summer Time)

Europe Room
2° floor

Opening

16:45 Welcome from the Chairs

Presentations

16:50 Common Reed-Based Nanomaterial for Remediation of River Sediment
Nataša Slijepčević, Dragana Tomašević Pilipović, Dunja Rađenović Veselić, Nataša Duduković, Slaven Tenodi (University of Novi Sad, RS)

17:05 Marble dust "MARMETTOLA" in the apuan alps extraction district: a significant environmental criticality for surface and groundwater bodies
Claudio Numa, Elisa Nardi, Francesco Andreotti, Enrico Scalchi (ISPRA, IT), Licia Lotti (ARPA Tuscany, IT)

17:20 Intervention methodologies in response to industrial emergencies in case of spills into surface waters
Romualdo Marrazzo (ISPRA, IT)

17:35 Advancing Marine Ecosystem Restoration: ORSS Deployment in Malibu, California
Franco Smit, Eric Williams (ORSS Project, US)

17:50 The "POLIGONI project": scientific basis to assume decisions in order to manage the residuals of military exercises dispersed on the costal seafloor of two military areas, Capo Teulada (Sardinia) and Torre Veneri (Apulia)
Paola Renzi, Luigi Nicola Alcaro, Claudio Numa (ISPRA, IT), Marco Fella (Stato Maggiore dell'Esercito, IT)

18:05 Panel discussion moderated by chairs

18:30 End of the session

Register yourself in the Google form https://forms.gle/bHQXGLKU5qLpuYKy6

REMTECH Europe

SESSION 49

Smart Farming and Climate Solutions

FRIDAY 19 SEPTEMBER

16:45 – 18:30 CEST (Central European Summer Time)

White Room
1° floor

Opening

16:45 Welcome from the Chairs

Presentations

16:50 Sweet Corn (Zea mays L. var saccharata) and Peanut (Arachis hypogaea L.) Intercropping Schemes for Sustainable Food and Feed Production
Marciano D. Tangpos, Clea Anne V. Corsiga (Cebu Technological University)

17:05 Carbon farming and the challenges for agriculture and forestry. A focus on the EU and national framework
Ilaria Falconi, Irene Criscuoli (Research Centre for Agricultural Policies and Bioeconomy, IT)

17:20 The role of biochar in carbon sequestration: contribution to the fight with climate changes
Stefan Mijatović, Snežana Maletić, Marijana Kragulj Isakovski, Jelena Beljin (University of Novi Sad, RS)

17:35 Arduino based Smart Irrigation System Design, Challenges and Solutions
Enes Furkan Sancak, Burcu Kıran (TUBITAK MAM Research Center), Mert Erol

17:50 The agricultural potential of struvite produced via electroprecipitation from wastewater in comparison to commercial fertilizers
Nataša Duduković, Nataša Slijepčević, Anita Leovac Maćerak, Branko Kordić, Srđan Rakić, Đurđa Kerkez (University of Novi Sad, RS)

18:05 Panel discussion moderated by chairs

18:30 End of the session

Register yourself in the Google form https://forms.gle/WaLQzL1xSoneCAGE6

SESSION 50
CCS - Carbon Capture and Storage

ONLINE

FRIDAY 19 SEPTEMBER
16:30 – 18:30 CEST (Central European Summer Time)

Opening

16:30 Welcome to the session
Marco Falconi (ISPRA, Remtech Europe)

16:35 Introduction from the chairs
Patricia Ruiz (Soldi Ambiental, AESAS), Thiago L. Gomes (Doxor, AESAS)

Presentations

16:40 CCS - Carbon Capture and Storage
Speaker to be confirmed

18:15 Panel discussion moderated by chairs

18:30 End of the session

Register yourself in the Google form https://forms.gle/xTao1CV56V9eQT39A

SESSION 51

SUSTAINATHON

Sustainability the road to global value

24-25 SEPTEMBER 2025

From 14:00 to 24:00 (24 September) and from 07:00 to 14:00 (25 September) CEST – 17 HOURS

ONLINE

7 REASONS TO ATTEND

RELISH the progress being made towards one, more or all of the 17 UN SDGs by different countries.

ENJOY the variety of approaches and methods being used to deliver and monitor progress on individual targets for specific SDGs.

MANAGE your participation to fit with other commitments over the 24 hours – attend as little or as much of Sustainathon as you want.

TAKE AWAY inspiration and ideas that you can apply in your country, on your projects for your stakeholders.

EXPERIENCE the presentations at a time that suits you – whether you attend live or follow the recorded presentations when it is more convenient for your time zone.

CHAT online with other like-minded practitioners from around the world – during and after the event.

HONOUR those sharing their hard won experience – even if we cannot give them a warm round of applause

To reserve your seat and for the Certificate, register here
https://forms.gle/zd5rQas9v7hRhomd7

Sustainathon Secretariat: Emanuela Crognale –sustainathon2025@gmail.com

Remtech Europe Scientific Committee

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Patrizia Bianconi	RemTech Expo, Italy
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