

Speakers - ICORR

Cambridge Corrosion Conference 2026



Day 1 Keynote Speaker



Dr Chiraz Ennaceur CEO and Co-Founder of CorrosionRADAR

Dr Chiraz Ennaceur is the CEO and co-founder of CorrosionRADAR Ltd, one of the fastest growing technology start-up in the UK in the space of predictive corrosion monitoring and assets management. Under the leadership of Dr Ennaceur, CorrosionRADAR is now an important enabler for Industry 4.0 and assets digitalisation allowing many sectors such as Oil & Gas and energy to have safer and more sustainable operations. CorrosionRADAR is also a winner of the prestigious Materials Performance (MP) Corrosion Innovation of the Year Award for its ground-breaking Predictive Corrosion Under Insulation (CUI) Monitoring System. In 2024, Dr. Ennaceur was awarded the prestigious Women in Excellence Achievement Award from MAINTCON, sponsored by Aramco, in recognition of her outstanding contributions and leadership in her field. In 2025, Dr Ennaceur was nominated for the Energy Woman of the Year – KSA in the prestigious Oil & Gas Saudi Awards.

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Day 2 Keynote Speaker



Dr. Mohammad K. Hosseini Technical Director, London Petrotech Engineering Ltd.

Dr. Mohammad K. Hosseini is a Chartered Engineer (CEng) and Chartered Scientist (CSci), metallurgist and corrosion engineer with over 25 years of experience in the subsea and offshore oil and gas, and renewables sectors. As Technical Director at London Petrotech Engineering Ltd., he leads consultancy services in corrosion integrity management, materials and metallurgy, and provides forensic engineering and expert witness support to law firms and insurers. His expertise spans asset corrosion management, chemical treatment, metallurgy and fabrication of CS/CRA line pipe, forgings and fittings, as well as Root-Cause Failure Analysis (RCFA) and broader forensic investigations.

He previously held senior roles at organizations such as McDermott International and Saipem Limited, supporting major FEED and EPCI projects worldwide. Dr. Hosseini is an AMPP-certified Corrosion Specialist, API 571/580 certified, and an AMPP instructor for “Internal Corrosion for Pipelines”. He lectures at the University of Northampton and has supervised Ph.D. and MSc research projects. A Fellow of IOM3 (FIMMM) and ICorr(FICorr) and a member of The Academy of Experts (TAE), he is widely published in corrosion management, corrosion and erosion modelling, physical metallurgy of steels, and advanced inspection and monitoring technique

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Rowan Vaduganathan
Head of Domain Experts, Cenosco.

He is a Chartered Engineer with a background in Integrity, materials and corrosion engineering. At Cenosco, Rowan leads a multidisciplinary team to drive innovation, support digital transformation and enhance asset performance in organizations. Rowan combines technical expertise with strategic vision to deliver sustainable and value adding solutions in complex business environments



William Fazackerley
Global Director of Sales and Connected Services, Emerson

William is Global Director of Sales and Connected Services for Emerson's Corrosion and Erosion division, with over 10 years of experience in this space. In this role, he leads global sales strategy and the growth of Emerson's connected services portfolio, working closely with end users. William draws on a deep technical foundation having previously led the corrosion and erosion business unit in a product management capacity to bridge commercial strategy with real-world application insight. He holds an Executive MBA with Distinction from Cranfield University.



Dr. Stefano Cuomo
R&D – Account Manager, Inductosense

With a background rooted in structural health monitoring, Dr. Cuomo's expertise is dedicated to developing cutting-edge sensory systems for Inductosense. His primary mission revolves around refining systems for erosion and corrosion monitoring and identifying novel applications for Inductosense core technology. Before joining Inductosense, Dr. Cuomo amassed extensive research experience across diverse domains. He made significant contributions in damage detection using acoustic waves as well as enhancing composite materials with polymeric compounds and natural fibres. He has also researched material optimisation in the railway sector for cost-efficiency and environmental impact reduction.

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Aliakbar Oskuie
Asset Integrity Engineer, Worley

PhD-qualified Materials and Corrosion Engineer with 13+ years of experience delivering technical excellence in asset integrity, corrosion mitigation, fitness-for-service (FFS), and risk-based inspection (RBI). Leading engineering consultancy and corrosion teams across global energy projects including upstream, offshore, hydrogen, and petrochemical facilities.



Theo Knijff
Founder of KaiCon

Founder and owner of KAI-Con (March 2024). KAI-Con (Knijff Asset Integrity - Consultancy) is a leading provider for Asset Integrity consultancy within the Petrochemical Industry. Senior Maintenance & Reliability Manager Dow (April 2007 – October 2023). Working within the Hydrocarbon Business of Dow Chemical. This Business includes olefins, aromatics, butadiene, octane, and PDH plants at nine different locations worldwide. Responsible for the Strategic Maintenance and Reliability Programs, Asset Management of Static Equipment and Piping (includes inspection and repair work), membership of various global Dow technology teams regarding asset management, and chair of the Maintenance Issue Group of the European Committee of Ethylene Producers (EEPC).

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Dr Slawomir Kus

Director & Co-owner at Corrology Innovations Ltd.

Dr. Slawomir (Slawek) Kus, PhD in Technical Sciences, is the Managing Director and Co-founder of Corrology Innovations Ltd. He brings over 20 years of international experience in corrosion and asset integrity, having held senior technical expert roles at global organizations including Honeywell, Borouge, and Prax LOR.

Dr. Slawek focuses on the digitalization of corrosion knowledge and management. Together with his Corrology team, he leads the development of innovative solutions that transform industry expertise into scalable digital tools and models. Leveraging his extensive background in the refining and petrochemical industries, together with his Corrology team, he develops predictive technologies that enhance industrial safety and asset reliability.

He is a certified AMPP Corrosion Technologist with an extensive record of technical publications for NACE/AMPP and the European Federation of Corrosion (EFC).



Gerrit Buchheim, P.E.

Refining Corrosion and Metallurgy Expert and Pono Division Kupuna, Becht

He has been in the oil refining industry for over 45 years. Started at Exxon and was at 2 refineries and then joined BP for a decade, founded an engineering consultancy company and after a decade left, had an adult timeout for a non-compete and then came to Becht about 12 years ago and started a Materials/Corrosion/Integrity group with 2 people that now has over 100 Engineers. Many are retired experts working part time. He has turned over active management to 2 assistants and he now focuses on CCD/IOW/RBI projects. He has been on the API 941 committee for >35 years, API 579 FFS committee for over 25 years, authored several API standards (API 571/API 939-C/API 970), and is an expert in refining damage mechanisms.



Martin Vosecký, Ph. D.

Senior Technical Consultant, Refining Regional Lead of Process Technical Consultants, NALCO Water

Martin Vosecký - has worked for Nalco Water for the past 16 years joining the organization after working in a variety of Research and Development roles. During his time in Nalco Water, he has spent 5 years in sales and for the past 11 years he has been working as SME for Refining providing technical support to European customers. He holds the M.Sc. and Ph.D in Chemical Technology from Chemical University in Prague, Czech Republic, with part of the studies spent in KTH Stockholm, Sweden.

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Prof. Dr. Philipp Schempp
Professor for Materials Application,
Cologne University of Applied Sciences

Philipp Schempp studied Mechanical Engineering at the Universities of Stuttgart, Germany and Valencia, Spain. He received his PhD with distinction in 2013 at TU Berlin in the field of materials & welding science, which was recognised with the Henry Granjon Prize 2015. Between 2013 and 2023, he worked in different leadership positions in the materials & integrity area at Shell in Cologne. In 2023, he got appointed Professor for Materials Application by Cologne University of Applied Sciences. His main R&D interests are prediction of material degradation, predictive maintenance, and fusion welding. Since 2023, he is chairman of Working Party 15 (Corrosion in the Refining and Chemical Industries) of the European Federation of Corrosion (EFC).



Alessandro Demma
Omnia Integrity

Dr. Alessandro Demma is an NDT specialist with over 20 years of experience in advanced inspection technologies and structural integrity. He holds a PhD in Mechanical Engineering from Imperial College London, focused on guided wave ultrasonics, and is certified Level 3 in guided waves and microwave testing.

He is Director of Omnia Integrity Ltd leading R&D, consultancy, and training activities worldwide. His expertise includes guided waves, acoustic emission, and microwave NDT, with applications across energy, nuclear, rail, and infrastructure sectors. Dr. Demma is an inventor on patented inspection technologies and has authored over 30 scientific publications, contributing to both industry practice and international standardisation.

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Thyse De Reuck
Manager, Technical Sales
eddyfi

Thyse De Reuck is a Technical Manager at Eddyfi Technologies, where he leads the wireless ultrasonic sensor business across EMEA & APAC regions. With extensive experience in corrosion monitoring and asset integrity, he works closely with industrial clients to deploy advanced inspection technologies that improve corrosion monitoring, safety, and operational efficiency.

His work focuses on bringing innovative sensing solutions, particularly in challenging and remote environments resulting in practical field applications across the energy and process industries. Thyse is actively engaged in supporting operators and inspection teams in adopting data-driven approaches to corrosion management.



Dr.-Ing. Florian Hairer
Materials and Corrosion Expert /
Oxygen Expert, Linde Engineering

Florian Hairer is a Materials Technology Expert with over 12 years of experience in Linde's Engineering Division. His core expertise includes material compatibility, corrosion behavior, and the selection of materials for complex process engineering applications. He works in Linde's Material Selection and Failure Investigation team, where he focuses on preventing material degradation, conducting root-cause analyses, and developing reliable, long-term solutions for industrial plant environments.



Pedro José Rangel Ponce
Moeve

Pedro Rangel is Head of the Integrity Department at Moeve, with over 37 years of experience in inspection, corrosion control, and asset integrity assessment across the refining, petrochemical, and oil production industries. He holds a degree in Chemical Engineering and has completed advanced professional training with AMPP, API, and IIW in the fields of corrosion, inspection, and welding.