

INDUSTRIAL FORUM

EA TECHNOLOGY INDUSTRIAL FORUM
CAPENHURST TECHNOLOGY PARK
CAPENHURST, CH1 6ES
WEDNESDAY 1 MARCH, 2023

Welcome to our Power Engineers' Industrial Forum! We are thrilled to have such a distinguished gathering of engineers here today. Whether you are an experienced engineer looking for opportunities to advance your understanding of the industrial sector, or just starting out in the field and seeking advice from more experienced colleagues - this is the forum for you. It's an incredible opportunity for us all to come together, share ideas, ask questions, and learn something new about industrial engineering. Our focus today will be exploring best practices in staying up-to-date on industry changes as well as examining challenges currently facing practitioners in the community. Let's get started – we can't wait to start this journey with all of you!

GUEST SPEAKERS



James Gaskin - Asset Manager from URENCO

Urenco is an international supplier of enrichment services and fuel cycle products for the civil nuclear industry, serving utility customers worldwide who provide low carbon electricity through nuclear generation.



Andy Horne - HV Engineer and Secretary of ITE, Humber Region at Tronox

As a vertically integrated producer of titanium dioxide and inorganic chemicals, Tronox mines and processes titanium ore, zircon and other materials and manufactures TiONA® and TiKON™ titanium dioxide pigment, specialty-grade CristalACTiV™ titanium dioxide products and high-purity titanium chemicals. Our products add brightness and durability to paints, plastics, paper and other everyday products.



Mr. Chi Wing Leung - Senior Asset and Technology at UK Power Networks Services

We solve your energy challenges through innovative solutions, delivering resilience, cost efficiency and sustainability to deliver a bright energy future. We are at the forefront of the energy transition, enabling the decentralisation of energy to a more sustainable, affordable and secure system.



Safer, Stronger, Smarter Networks
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EA TECHNOLOGY SPEAKERS



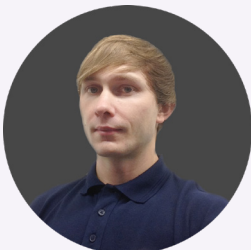
TONY BYRNE

Tony is a Chartered Engineer and Member of the Institution of Engineering and Technology as well as holding an IAM certificate in Asset Management and is Lloyds Register trained Auditor. He uses his extensive 40+ years' experience to provide technical advice and support to his clients. Tony has undertaken many infrastructure audits of electrical networks to establish asset condition and associated risks. Tony is an expert in maintenance policies and practices and has assisted several clients to develop asset taxonomy systems. Tony has also assisted clients undertaking visits to manufacturer's factories to assess equipment and witnessed factory assessment tests.



LINDA HULL

Linda Hull is a Senior Consultant for the Consultancy Insights business within EA Technology. Linda is a Chartered Engineer and Fellow of the Institute of Mechanical Engineers. She has over 30 years' experience working in the energy sector on a wide range of projects including appraisal of network investment, support for regulatory submissions and the application of condition-based risk methodology and Common Methodology with electricity companies around the world.



THOMAS RACZY

Thomas Raczy has been a member of the Substation Assessment team for over 6 years and has 15 years' experience of working in the electricity Industry. Thomas has an excellent understanding of all aspects of condition assessment testing techniques offered by EA Technology.

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| TIME | PRESENTATION ITEM | SPEAKER |
|-------|---|--|
| 08:30 | Arrival refreshments and registration | |
| 09:15 | Welcome and introduction Agenda and update | Phil Smethurst, Stuart Aird and Kim Morris |
| 09:30 | URENCO's Journey in Implementing Asset Management and ISO55001 | James Gaskin Urenco |
| 10:15 | Bringing Condition Based Risk Management to Gatwick Airport | Linda Hull EA Technology Chi Wing Leung UKPNS |
| 11:00 | Break for coffee/tea and networking | |
| 11:30 | HV Cable Condition Assessment Presentation and Case Study | Thomas Raczy EA Technology Andy Horne Tronox |
| 12:15 | VLF Cable Testing (PD Cable Mapping, Tan Delta) Demonstration | Thomas Raczy EA Technology |
| 12:30 | Lunch | |
| 13:30 | Proposed EU Legislation on F Gases | Tony Byrne EA Technology |
| 14:00 | Standards update – standards for plant in substations i.e. transformers, switchgear, etc. – new and emerging regulations Recent NEDeRS | Tony Byrne EA Technology |
| 14:30 | Break for coffee/tea and networking | |
| 15:00 | Electrical Assets Management and Competence Questions provided by BOC | EA Technology |
| 15:30 | Open forum / Q&A | EA Technology |
| 16:00 | Close of meeting | |



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