



MIMA-3

MIMA- Materials, Inspection, Monitoring and Assessment

3-day In-Person International Conference on:

SUSTAINABLE POWER GENERATION

Electricity Generation through Fossil, Nuclear and Renewables - Materials, Inspection, Monitoring, Digitalisation & Flexibility

Venue: **London** (exact venue to be announced later)

Dates: **17 - 19 October, 2023**

First Announcement & Invitation for Abstracts

(deadline = 31st March 2023)



SPONSORS

Sponsorship is being invited now. For details please email: enquiries@etd-consulting.com



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MIMA-3
International Conference - London

Proposed Sessions

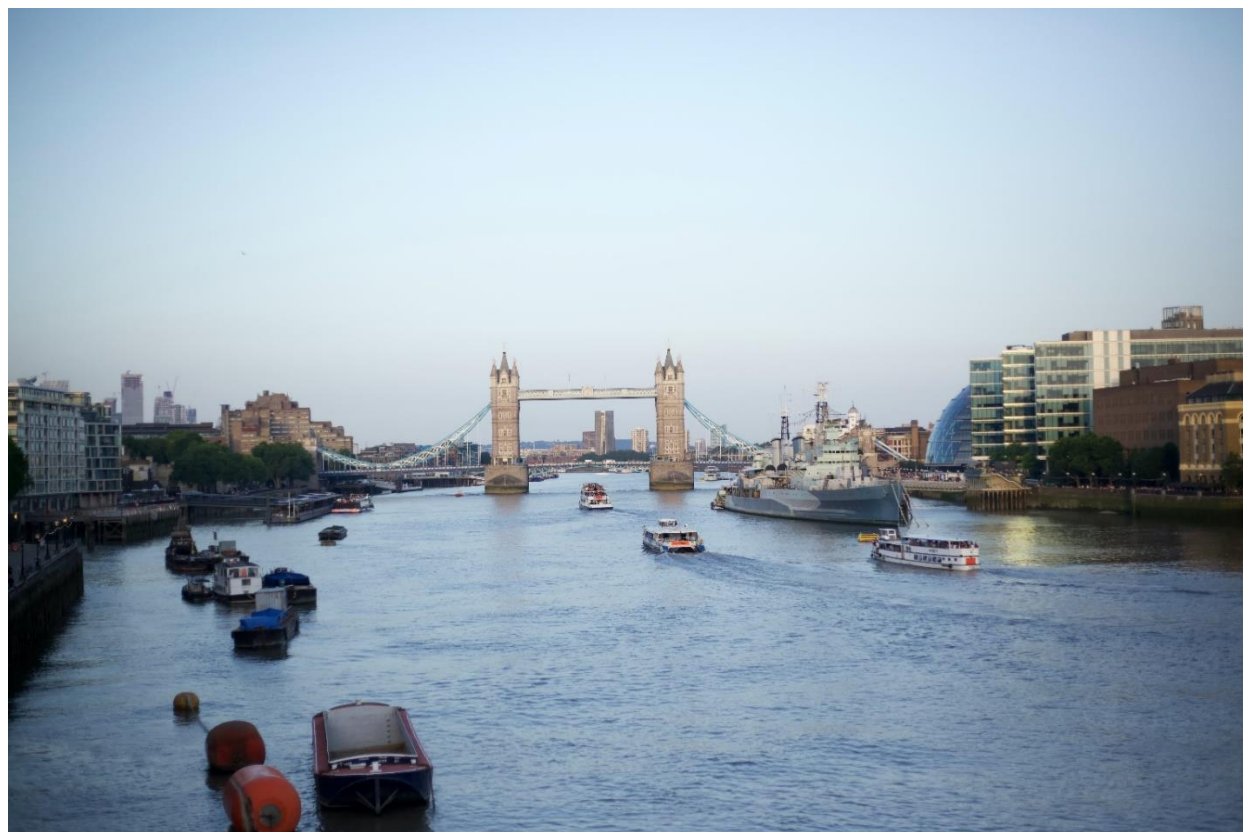
These sessions have been proposed by the organisers but the actual sessions will depend on the papers received.

Please [Submit Abstracts](#) (deadline = 31st March 2023) on any of the topics proposed below or any other related topics.

1. **Issues with materials for fossil and nuclear power plants (including fusion)**
(Day 1 - morning)
2. **Rehabilitation/ Recommissioning and life assessment of very old or mothballed fossil power plants**
(Day 1 - afternoon)
3. **Flexible operation of power plants and the effect of increasing renewables - technical and cost issues**
(Day 2- morning)
4. **Decarburisation of CCGTs and GTs using alternative fuels (hydrogen, ammonia, biofuels)**
(Day 2- afternoon)
5. **Inspection, monitoring, digitalisation and assessment of damage and cracking – challenges and development of new more advanced techniques**
(Day 3 – all day)

Social

Day 2 - evening: A 4-hour Boat Trip & Dinner on River Thames



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International Conference - London

Registration Fee in GB Pounds

(includes lunches, coffee breaks, Conference Dinner & boat trip on River Thames, and Conference Proceedings in electronic format)

Delegates

Reduced Fee = £500 by Monday 18th September 2023

Full Fee = £550 from Tuesday 19th September 2023

Presenters = £450

The Organiser

European Technology Development (ETD)

MIMA-3

ETD is an independent UK based engineering, consulting and R&D company specialising in high temperature plant inspection and life assessment /extension, maintenance, materials and engineering issues in power generating and petrochemical/process plant. ETD has, in the past, organised various international workshops/ courses/ conferences in the UK, Europe, USA, Canada, South Africa, Japan, Korea and other countries of Asia, mainly on the issues dealing with power and process plant life assessment/ extension, high temperature plant materials, plant component safety and durability, performance of in-service welds, power plant cycling, risk-based maintenance (RBM), Reliability Centred Maintenance (RCM), probabilistic life and crack assessment, weld repairs etc.

The company has been leading and co-ordinating a number of large cutting edge international industry projects (supported by the industry from North America, Japan, Europe and elsewhere or by the UK government and European Commission) on issues related to the assessment and improvement of high temperature plant performance, materials and design, maintenance and inspection strategies, and the development of innovative inspection techniques. The company has carried out/ participated in leading edge projects on P91 and P92 weld repairs, long term creep rupture data generation, crack assessment, integrity issues and has carried out studies of P/T91 performance in plant worldwide.

The company has developed its own unique equipment (in collaboration with other industry) such as a portable spark erosion machine for 'boat sampling', a portable AFM for early-stage creep cavitation damage detection in P91/ P92 components, a precision portable hardness tester called 'Smart Sleeve'.

Further information on ETD, its consulting services, full plant inspection and life assessment, training courses offered and other activities can be seen at: www.etd-consulting.com