5th International ECCC Conference

2020

SAVE THE DATE

13 – 17 September 2020

Edinburgh, Scotland

ECCC Creep & Fracture 2020

Creep & Fracture in High Temperature Components
Design & Life assessment

HT MT
High Temperature Mechanical Testing Committee

ECCC

Energy Materials Group
of the Institute of Materials, Minerals and Mining

www.eccc2020.com

13 – 17 September 2020

Edinburgh, Scotland

The 5th International ECCC Creep & Fracture Conference in Edinburgh will bring together engineers and scientists from around the world to present and discuss research and developments in all aspects of creep behaviour of high temperature industrial materials and components. The overall aim is to disseminate knowledge and identify future work items requiring attention from the high temperature research, design and standardisation communities.

Conference Topics will include:

- Creep Data Analysis and Methodology Recommendations
- Effects of Flexible Operation on High Temperature Materials
- High Temperature Damage Interaction
- Component Design and Life Assessment Microstructural and Damage Studies
- Lifetime Assessment and Determination
- New Creep Testing and Modelling Methods
- High Temperature Materials Development

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- Prof. Masatsugu Yaguchi (CRIEPI), JP
- Prof. Liu Zhengdong (CISRI), CN

Plenary Speakers

“Global Overview of the Energy Scene”

- Dr Andrew Minchener (IEA), UK

The European Creep Collaborative Committee (ECCC) is the leading voice of European experts on subjects relating to creep, representing the views of alloy producers, plant manufacturers and end-users. For nearly 30 years ECCC has been engaged in the co-ordination of Europe-wide creep data generation, collation and assessment activities, with the aim of pooling national data resources to provide the optimum basis for creep property values for European product and design standards.

The High Temperature Mechanical Testing Committee (HTMTC) operates as Technical Committee 11 of the European Structural Integrity Society (ESIS). The HTMTC aims to improve the techniques and procedures used for the high temperature testing of materials, and to disseminate this information to the materials community as a whole.

The Institute of Materials, Minerals and Mining (IOM3) is a UK engineering institution whose activities encompass the whole materials cycle, from exploration and extraction, through characterisation, processing, forming, finishing and application, to product recycling and land reuse. It exists to promote and develop all aspects of materials science and engineering, geology, mining and associated technologies, mineral and petroleum engineering and extraction metallurgy.

The venue:

The Principal Hotel
George St, Edinburgh, UK
www.phcompany.com/principal/edinburgh-george-street

Conference organisation:

UK High Temperature Power Plant Forum
Dr Peter Barnard
Email: peter.barnard@doosan.com

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