

ECCC Webinar – P91, P92, ALLOY 617 8th October 2020

FIRST ANNOUNCEMENT!

The 5th International ECCC Creep & Fracture Conference in Edinburgh, originally planned for September 2020, will now be held in September 2021 because of COVID-19 pandemic. Due to the conference postponement, ECCC will now be presenting on-line some of its key data assessments that were to be published this year at the original conference. The free-to-attend ECCC Webinar will be held on 8th October 2020, at 09:00 and repeated at 17:00 CEST. Each session will last about 2hrs. **The Webinar is free, but registration is required - See last page.**

Although we would prefer to meet you *in person*, we hope you can *join us at the Webinar* to hear about the creep strength enhanced ferritic steels, P91 and P92, nickel base Alloy 617 and the ECCC's important updates to its well-known data sheet series. Learn also about the release of ECCC ePAT software and other software tools under development, and further information on ECCC2021 Conference in Edinburgh.

**Times are CEST –
Central European
Summer Time**

Times	Agenda - 8th October 2020	Speaker
09:00	Intro to Webinars	Augusto Di Gianfrancesco
09:10	P91 Data Sheet	John Hald
09:40	P92 Data Sheet	Chris Bullough
10:10	Creep Data Assessment Software	Michael Schwienheer
10:25	Alloy 617 Data Sheet	Andrea Riva
10:55	ECCC2021	Pete Barnard
11:00	Closure	
17:00	Intro to Webinars	Augusto Di Gianfrancesco
17:10	P91 Data Sheet	John Hald
17:40	P92 Data Sheet	Chris Bullough
18:10	Creep Data Assessment Software	Michael Schwienheer
18:25	Alloy 617 Data Sheet	Andrea Riva
18:55	ECCC2021	Pete Barnard
19:00	Closure	

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Presentations on data assessments for grades P91, P92 and ALLOY 617 will last approximately 20mins allowing 10 mins for questions. The presentation on Creep Data Assessment Software introduces the new ECCC automated Post Assessment Test “ePAT” software. More detailed information on the assessments presented during the webinar, and on other ECCC assessments will be given at the ECCC2021 conference being held on 20th - 23rd Sept 2021 in Edinburgh, UK.

This is the first of a series of ECCC Webinars concerned with data assessments produced by ECCC members. Presentation materials will be downloadable from the ECCC website after the webinar for registrants of the webinar.

Although free of charge, registration for the webinar is required, which can be done at any time before the webinar commences. Early registration is recommended for administrative and organisational purposes.

Presenter Biographies

Dr Augusto Di Gianfrancesco - Now retired from formal employment at Centro Sviluppo Materiali, where he worked as senior metallurgist and project leader, head of creep and metallography laboratories, and responsible of R&D activities on steels and superalloys for high temperature application in power generation plants. He was one of the founders and currently ECCC Chairman and consultant at Compusystem srl.

Dr Chris Bullough - Has worked for 40 years within the power generation industry on high temperature materials for nuclear, gas turbine and steam power plant. Since 1995 he has worked at GE in the UK (formerly Alstom), and is now Principal Engineer – Materials. He has been responsible for the laboratory development of materials and characterisation of their properties for industrial usage; leading to a strong interest in data assessment methods and materials database technologies. He has participated in the ECCC since its inception in 1991.

Prof John Hald - Has worked with high temperature materials development, qualification, and life assessment for more than 30 years, with focus on CSEF steels. From 1987-2013 he worked as a researcher for Danish utilities, and from 2013 he is professor in high temperature materials at the Technical University of Denmark. He is convenor for ECCC WG3A on ferritic steels.

Dr Michael Schwienheer - For 20 years he has been working on the long-term behaviour of high temperature materials and in the field of assessment methods. He is also involved in the development of software for the assessment and evaluation of creep data within the ECCC as well as within the German Creep Committee.

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Presenter Biographies

M.Sc. Andrea Riva

He works for Ansaldo Energia as a material modelling expert and material database administrator, following the whole material data lifecycle from the raw test machine output to the maintenance of design data. His activity also covers the investigation and development of methods for the prediction of crack initiation and propagation in gas and steam turbine high temperature components, and the related software development. Active member of ECCC since 2011, with extensive experience in creep data assessment. Authored and coauthored more than 30 papers for various conferences and journals.

Dr Pete Barnard - Now retired from formal employment has previously worked for Rolls-Royce, Cranfield University, Alstom and Doosan Babcock. He has worked primarily on new materials development for commercial exploitation covering, ceramics, polymeric composites, coatings and most metals (titanium, cast irons, ferritic, nickel) particularly the mechanical property evolution during manufacture and service. He is convenor of the ECCC WG3B, chair of the UK group and chair of the ECCC2021 conference.

European Creep Collaborative Committee (ECCC)

The ECCC is a voluntary grouping involving over 30 European organisations, and was formed in 1991 to co-ordinate Europe-wide development of creep data for high temperature applications, in particular for power generation. Whilst several of its activities are necessarily private to its members, it also produces authoritative Creep Data Sheets and Recommendations Volumes on creep testing and assessment - in use worldwide.

For several years ECCC concentrated its efforts thanks to the support of the European Commission, in particular through the Concerted Action BE 5524 (1991-1996), the Thematic Network 'Weld Creep' (1997-2001) and Thematic Network 'Advanced Creep' (2001-2005). Since 2011, ECCC is independently governed by the European industry, through Joint Industrial Projects: the third Joint Industrial Project started in January 2018 and will cover a period of four years.

Since 2005, ECCC has organized annual international conferences to take stock of present situations and discuss future outlooks. From 2011 onwards, the organizational structure has become increasingly clear and well-structured and RINA has taken on the responsibility of technical Secretariat.

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Further Information on ECCC Activities:

ECCC website:	https://www.eccc-creep.com/
ECCC2021 Conferences:	https://www.eccc-creep.com/eccc-international-conferences/
ECCC Recommendations:	https://www.eccc-creep.com/eccc-recommendations-volumes/
ECCC Creep Data sheets:	https://www.eccc-creep.com/eccc-data-sheets/
ECCC Secretariat:	secretariat@eccc-creep.com

SAVE THE DATE

ECCC Creep and Fracture 2021

ECCC's International Conference

Edinburgh, UK

20-23 September 2021

ECCC Webinar – P91, P92, ALLOY 617 Organised by ETD

REGISTRATION FORM (Please email)

International On-Line Webinar
ECCC Webinar – P91, P92, ALLOY 617
Dates: 8th October 2020

Registration details: Please put 'x' in the relevant box

	x	No. Attending
Conference Delegates		
Conference Presenters		

All Registration enquiries to: enquiries@etd-consulting.com

Delegate/ Speaker Details

Your **title** and **name**:

Company:

Job Title (optional):

Address:

Phone:

E-mail:

Address for Registration:

Please email the completed Form to: enquiries@etd-consulting.com

