

18TH



INTERNATIONAL CONFERENCE ON Environmental Degradation of Materials in Nuclear Power Systems – Water Reactors

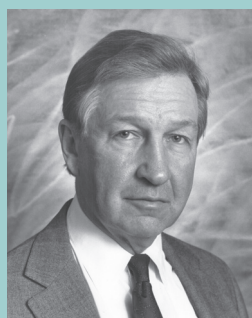
August 13–17, 2017 • Marriott Portland Downtown Waterfront • Portland, Oregon, USA



REGISTRATION IS NOW OPEN!

Register by July 7, 2017 to save.

A Tribute to Roger Washburne Staehle



A special session during the conference banquet led by Peter Andresen, Andresen Consulting, will honor Roger Washburne Staehle (February 4, 1934–January 16, 2017). An international giant in the field of metallurgy and corrosion, Staehle founded the Fontana Corrosion Center

(FCC), in addition to holding positions at The Ohio State University and the University of Minnesota. Among many honors throughout his career, he most notably received the W.R. Whitney Award from NACE, was a Fellow of NACE International and The Electrochemical Society, and was elected to the National Academy of Engineering in 1978.

Environmental Degradation 2017 will bring together industrial and academic leaders from around the world for thought-provoking discussions on today's materials degradation problems.

Keynote Speakers Include:



Todd Allen
Professor, University of Wisconsin, and Senior Fellow, Third Way



Scot A. Greenlee
Senior Vice President, Engineering and Technical Services, Exelon Nuclear Generation

Visit www.tms.org/EnvDeg2017 for more details on the technical program.

Hosted by:



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SPONSORED BY: the TMS Structural Materials Division (SMD), Corrosion & Environmental Effects Committee, and Nuclear Materials Committee.

For more information on this conference, visit www.tms.org/EnvDeg2017.

ENVIRONMENTAL DEGRADATION 2017 SESSIONS AT-A-GLANCE

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SESSION TITLE	PRIMARY SESSION CHAIR
Accident Tolerant Fuel Cladding	Gary Was, University of Michigan
BWR SCC and Water Chemistry	Bob Carter, Electric Power Research Institute
Cables and Concrete Aging and Degradation – Cables	Leo Fifield, Pacific Northwest National Laboratory
Cables and Concrete Aging and Degradation – Concrete	Thomas Rosseel, Oak Ridge National Laboratory
General SCC and SCC Modeling	Raj Pathania, Electric Power Research Institute
IASCC Testing – Characterization	Anders Jenssen, Studsvik Nuclear AB
IASCC Testing – Initiation and Growth	Peter Andresen, Andresen Consulting
Irradiation Damage – Nickel Based and Low Alloy	Mychailo Toloczko, Pacific Northwest National Laboratory
Irradiation Damage – Stainless Steel	Larry Nelson, JLNelson Consulting
Irradiation Damage – Swelling	Frank Garner, Radiation Effects Consulting
Plant Operating Experience	Maria-Lynn Komar, Kinectrics Inc.
PWR Ni SCC – Initiation	David Morton, Knolls Atomic Power Laboratory
PWR Nickel SCC – Aging Effects	Tyler Moss, Naval Nuclear Laboratory
PWR Nickel SCC – Alloy 600 Mechanistic	Steve Bruemmer, Pacific Northwest National Laboratory
PWR Nickel SCC – Alloy 690 Mechanistic	Stuart Medway, Amec Foster Wheeler
PWR Nickel SCC – SCC	Bogdan Alexandreanu, Argonne National Laboratory
PWR Oxides and Deposits	Cecillie Duhamel, MINES ParisTech
PWR Secondary Side	Ian De Curières, IRSN
PWR Stainless Steel SCC and Fatigue – Fatigue	Denise Paraventi, Naval Nuclear Laboratory
PWR Stainless Steel SCC and Fatigue – SCC	Gabriel Ilevbare, Idaho National Laboratory
Special Topics I – Materials	Pal Efsing, Ringhals AB
Special Topics II – Processes	Ulla Ehrnsten, VTT Technical Research Centre of Finland Ltd.
Stainless Steel Aging and CASS	Steve Fyfitch, Areva Inc.
Welds, Weld Metals, and Weld Assessments	Catherine Guerre, CEA
Zirconium and Fuel Cladding	Jacki Stevens, Areva Inc.

THANK YOU TO OUR CORPORATE SPONSORS AND EXHIBITORS!

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