

European Corrosion Congress (EUROCORR 2012)

**Safer World Through Better
Corrosion Control**

**Istanbul, Turkey
9 – 13 September 2012**

ISBN: 978-1-5108-3592-4

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2012) by the authors. Reproduced with the permission of the European Federation of Corrosion (EFC) and the Corrosion Association in Turkey. All rights reserved.

Printed by Curran Associates, Inc. (2017)

For permission requests, please contact the European Federation of Corrosion (EFC) and the Corrosion Association in Turkey at the address below.

European Federation of Corrosion (EFC) and the Corrosion Association in Turkey
c/o Ines Honndorf
DECHEMA e.V.
Theodor-Heuss-Alee 25
60486 Frankfurt am Main, Germany

Phone: +49 (0)69 7564-209
Fax: +49 (0)69 7564-418

honndorf@dechema.de

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

PROGRAMME AT A GLANCE**8-12****INVITED PLENARY LECTURES****13-16****LECTURE PROGRAMME**

Automotive Corrosion (WP 17)18-40

Cathodic Protection (WP 15).....41-60

Cathodic Protection in Concrete61-65

Coatings for High Temperatures (WP 3, WP 14, WP 6 & 8).....66-73

Corrosion & Corrosion Protection of Drinking Water Systems (WP 20)74-82

Corrosion and Scale Inhibition (WP1).....83-105

Corrosion by Hot Gases and Combustion Products (WP 3)106-118

Corrosion Education and Computer Applications (WP 7)119-124

Corrosion in Oil & Gas Production (WP 13)125-160

Corrosion in the Refinery Industry (WP 15)161-17'

Corrosion Mechanisms & Methods (WP 6 & 8)17(-214

Corrosion of Archaeological and Historical Artefacts (WP 21).....215-228

Corrosion of Polymer Materials229-231

Corrosion of Steel in Concrete (WP 11)232-255

Environment Sensitive Fracture (WP5).....256-269

Inorganic Coatings.....270-283

Marine Corrosion (WP 9).....284-291

Metallic Coatings.....	292-303
Microbial Corrosion (WP 10).....	304-327
Nuclear Corrosion (WP 4)	328-340
Organic Coatings.....	341-350
Pretreatments	351-360
Self-healing Coatings	361-369

WORKSHOPS

Workshop on Aerospace Corrosion	371-389
Task Force: CO ₂ -Corrosion in CCS-Applications.....	390-400
Common WS: Mechanisms of Environmentally Assisted Cracking (WP 4, 5, 9, 13 & 17)	401-413
Workshop on Marine Renewable Energy	414-419
Tribocorrosion (WP 18).....	420-439

POSTER PROGRAMME

Cathodic Protection (WP 15).....	441-443
Corrosion and Scale Inhibition (WP1).....	444-476
Corrosion by Hot Gases and Combustion Products (WP 3)	477-491
Corrosion in Oil & Gas Production (WP 13)	492-507
Corrosion in the Refinery Industry (WP 15)	508-511

Corrosion Mechanisms & Methods (WP 6 & 8)	512-575
Corrosion of Archaeological and Historical Artefacts (WP 21).....	576-586
Corrosion of Polymer Materials	587-588
Corrosion of Steel in Concrete (WP 11)	589-601
Environment Sensitive Fracture (WP5).....	602-608
Inorganic Coatings.....	609-631
Marine Corrosion (WP 9).....	632-637
Metallic Coatings.....	638-667
Microbial Corrosion (WP 10).....	668-678
Nuclear Corrosion (WP 4)	679-682
Organic Coatings.....	683-728
Pretreatments	729-735