

Abridged Curriculum Vitae – Prof. dr. J.M.C. (Arjan) Mol

Arjan Mol obtained his MSc-degree at the Faculty of Aerospace Engineering of the Delft University of Technology (DUT) in 1996. His MSc-thesis focused on the post-forming properties (including corrosion properties) of glass fiber-metal laminates (GLARE) after deformation processing.

After this he obtained his PhD-degree in 2000 at the Materials Science and Engineering (MSE) Department of the DUT on the study of the effects of microstructural variations in aluminium alloy surfaces on filiform corrosion properties.

He continued his career as a project- and team leader 'Structural lifetime of building and civil engineering structures' for 6 years at the Dutch Applied Research Organisation TNO.



As from 2006 Arjan Mol returned to DUT-MSE and now is Full Professor 'Corrosion Technology and Electrochemistry'. Furthermore, as from 2017, he is Honorary Professor at the University of Science and Technology Beijing USTB in China.

Besides, Arjan Mol is Working party Chairman 'Physico-chemical methods for Corrosion Research' and in the period of 2014-2016 he was Chairman of the Scientific and Technology Advisory Committee (STAC) of the European Corrosion Federation EFC. In 2016 he was elected to become Vice-President of the EFC for 2017-2018, and as such is Member of the Board of Administrators as from 2017.

Since 2010 Arjan Mol is also the Dutch Representative Member of the International Corrosion Council ICC.

He is member of the International Organizing Committee of the yearly largest European corrosion conference EUROCORR since 2007. In 2009 Arjan Mol was the Chairman of the International Aluminium Surface Science and Technology Symposium ASST2009 and Member of the Organizing Committee of the following ASST editions, ASST2012 in Sorrento, ASST2015 in Madeira, ASST2018 in Helsingør.

Arjan Mol has published over 150 journal papers and currently, he is Editor-in-Chief of Elsevier's journal "Corrosion Science" and Member of the Editorial Boards of "Corrosion Engineering, Science and Technology", "Transactions of the Institute of Metal Finishing" and "Materials and Corrosion".

The specific research focus areas of Arjan Mol are:

- Local electrochemical analysis of corrosion mechanisms
- Surface treatment and interfacial bonding of organic coatings on metal (oxide) surfaces
- Multifunctional and eco-friendly corrosion inhibitors and evaluation of active protective coatings
