

# EUROCORR 2018

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## SCT SPECIAL ISSUE

Dear participants,

We are pleased to invite you to submit a manuscript to the Special issue of the Journal SURFACE AND COATINGS TECHNOLOGY, Guest Editors: M.F. Montemor and M. Olivier.

If you consider to submit your manuscript, please note that papers submitted to this journal are expected to be in line with the following aspects in processes, and properties/performance:

- A. Processes: Physical and chemical vapour deposition techniques, thermal and plasma spraying, surface modification by directed energy techniques such as ion, electron and laser beams, thermo-chemical treatment, wet chemical and electrochemical processes such as plating, sol-gel coating, anodization, plasma electrolytic oxidation, etc., but excluding painting.
- B. Properties/performance: friction performance, wear resistance (e.g., abrasion, erosion, fretting, etc), corrosion and oxidation resistance, thermal protection, diffusion resistance, hydrophilicity / hydrophobicity, and properties relevant to enhanced functional performance for environmental, energy and medical applications, but excluding device aspects.

Articles must go beyond the technical recipe format and gain new understanding and insight based on detailed characterization of coatings and processes. Experimental papers should provide complete information on the process parameters and an appropriate microstructural characterization. Also, papers which include test data should provide full details of the test equipment and parameters. Such papers should report on the synthesis-characterization-properties-performance relationships.

Manuscripts must be written in good English and contain a balanced and up-to-date reference list formatted according to the guide-for-authors.

More information can be found at: <https://www.journals.elsevier.com/surface-and-coatings-technology>

The submission process will be open from September the 1<sup>st</sup>.  
Submission deadline: November 15<sup>th</sup>.

Sincerely yours,

M.F. Montemor and M. Olivier

