

WORKSHOP



X TREMECOAT 2014

October 20-21, INTA, Madrid, Spain

Surface engineering for functional applications under extreme conditions

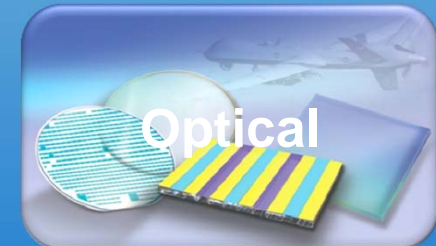
CALL FOR PAPERS

Deadlines

- | | |
|----------------------------------|-----------------|
| • Abstract submission | June 15, 2014 |
| • Notification to authors | June 22, 2014 |
| • Conference Programme | June 30, 2014 |
| • Early bird registration before | August 31, 2014 |

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SCOPE

The workshop will address the current scientific and technological advances in the field of surface engineering for applications involving extreme or singular conditions such as high temperature, corrosive environments, biological fluids, severe loads, strong erosion or abrasion, etc.

Particular emphasis will be placed on the coating development and surface modification for achievement of improved performance in applications related to energy, mechanical, automotive, aeronautical and biomedical sectors.

This meeting will provide an excellent opportunity to gather experienced scientists and industrial partners in a discussion forum to exchange ideas that promote cooperation and technology transfer.

SESSIONS

- A. Surface engineering for **energy** applications
- B. Surface engineering for **mechanical** applications
- C. Surface engineering for **optical** applications
- D. Surface engineering for **biomedical** applications

MAIN TOPICS

- Protection in mechanical components submitted to friction, wear or fatigue (gears, cutting tools, engines, etc.)
- Coatings for energy sectors (solar pannels, CSP, fuel cells, etc.)
- Protection against corrosion, high temperature or oxidation conditions (steam pipes and turbines, reactors, etc.)
- Surface functionalization for components used in biological or medical applications (prosthesis, tools, etc.)
- Surfaces exposed to aggressive environment (sand and dust erosion, corrosive liquids, etc.)

Chairmen:

- Francisco Javier Pérez-Trujillo
- Juan Carlos Sánchez-López

Scientific Committee:

J.M. Albella, A.R. Glez-Elipe, A. Conde, J.A. Puértolas, G. G. Fuentes, J. Barriga, I. Jiménez, J.R. Ramos, A. Agüero, M. Brizuela, M. Vilasi, A. Cavaleiro, J. Esteve, J. San Román, J. Esteban, J.L. Endrino

Organized by:

