

# XIII Encontro da SBPMat (Brazilian Materials Research Society Meeting) September 28 to October 02, 2014 – João Pessoa (Brazil)

## Symposium N: Surface Engineering - functional coatings and modified surfaces

Abstracts are solicited in (but not limited to) the following areas:

- super hard coatings and/or nanostructured coatings
- smart and/or self-repairing surfaces
- plasma-assisted diffusion techniques in metal alloys
- decorative coatings
- new deposition techniques
- ultra-low friction coatings
- (super)hydrophobic and hydrophilic coatings
- biocompatibility and anti-microbial and self-cleaning surfaces
- recent progress in nanoindentation
- macro/micro/nanotribology
- advanced surface characterization
- surface metrology
- coatings for oil and gas industry
- coatings for automotive and machinery industries
- coatings for aeronautic and aerospace industries
- surface engineering for mining industries

### Confirmed invited speakers:

- \* **Amilton Sinatora**. Universidade de São Paulo (USP) – Brazil.
- \* **Christoph Genzel**. Helmholtz-Zentrum Berlin für Materialien und Energie – Germany.
- \* **Christopher Muratore**. University of Dayton – USA.
- \* **Orlando Auciello**. University of Texas-Dallas - USA
- \* **Tiberiu Minea**. Université Paris-Sud – France.

### Symposium organizers:

- \* **Carlos Alejandro Figueroa** (UCS and Plasmar Tecnologia, Brazil)
- \* **Haroldo Cavalcanti Pinto** (USP São Carlos, Brazil)
- \* **Luiz Carlos Casteletti** (USP São Carlos, Brazil)

Submissions (up to May 23rd) and more info: <http://sbpmat.org.br/13encontro/>

### Special edition of Surface and Coatings Technology

Authors are encouraged to prepare manuscripts intended for publication in our special edition of the international scientific journal "Surface and Coatings Technology" by Elsevier. The same stringent peer-review evaluation process on the basis of the one adopted for regular papers will be applied.

