



5-7 July 2010 Paris France

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Abstract Submission Deadline  
**22 March 2010**



#### PLENARY LECTURES

'The Search for Super- and Ultrahard Materials: Go Nano!'  
Professor Stan Veprek, Germany

'Challenges of microstructural control of steel through  
diffusion processes'  
Professor Yvan Houbaert, Belgium

**SS1) CHARACTERIZATION AND PROPERTIES OF HARD COATINGS**  
Organized by:  
**Prof. Iván E. Campos Silva** (México)  
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**SS2) DIFFUSION, PERMEABILITY AND GAS DISSOLUTION IN POLYMERS AND POLYMER FOAMS**  
Organized by:  
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**SS3) GRAIN BOUNDARIES AND INTERFACES: STRUCTURE, THERMODYNAMICS AND DIFFUSION PROPERTIES**  
Organized by:  
**Prof. Vladimir V. Popov** (Russia)  
**Prof. Boris Straumal** (Germany)

**SS4) ACTIVE BIOMATERIALS AND TISSUE ENGINEERING**  
Organized by:  
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**SS5) CARBON AND OXIDE BASED NANOSTRUCTURED MATERIALS**  
Organized by:  
**Prof. Noorhana Yahya** (Malaysia)  
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**SS6) DIFFUSION IN SOLID IONIC CONDUCTORS**  
Organized by:  
**Prof. Paul Heitjans** (Germany)  
**Prof. Graeme Murch** (Australia)  
**Prof. Irina Belova** (Australia)

**SS7) HEAT AND MASS TRANSFER IN POROUS MEDIA**  
Organized by:  
**Prof. João Delgado** (Portugal)

**SS8) MICROSTRUCTURAL DEVELOPMENT OF METALLIC MATERIALS THROUGH DIFFUSION CONTROLLED PROCESSES**  
Organized by:  
**Prof. Yvan Houbaert** (Belgium)  
**Dr. Eng. Lucía Suárez** (Spain)  
**Dr. Eng. Pablo Rodríguez** (Spain)

**SS9) HYDROGEN-RELATED KINETICS IN MATERIALS**  
Organized by:  
**Prof. Yuh Fukai** (Japan)  
**Prof. Markus Wilde** (Japan)

**SS10) COMPUTATIONAL HEAT AND MASS TRANSFER: NEW APPROACHES AND INNOVATIVE SCHEMES**  
Organized by:  
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