



THEME [NMP.2012.1.4-3]

[Nanoscale mechanical metrology for industrial processes and products]

Grant agreement no: 310344



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## **NECSO WORKSHOP**

### **SOLAR SELECTIVE COATINGS: DEVELOPMENT, CHARACTERIZATION AND AGEING**

11<sup>th</sup> of February, 2016; 9:30-17:00

#### **Program:**

*Sol-gel based selective coatings: from coil absorber coating to high power coating*

- Boris Orel, National Institute of Chemistry, Slovenia

*Oxidation of metal compounds in solar absorber coatings*

- Pierre Ponthiaux, Ecole Centrale Paris, France

*The search for degradation indicators for life-time assessment of spectrally selective coatings*

- Angela Surca, National Institute of Chemistry, Slovenia

*Ageing of selective absorber coatings: lessons learned from Necso project*

- Javier Barriga, IK4-TEKNIKER, Spain

*Mechanical properties of solar coatings as obtained by nanoindentation and scratch testing*

- Jiri Nohava, ANTON PAAR, Switzerland

*Degradation of receiver tubes optical performance after four years of operation*

- Guillermo Espinosa Rueda, Abengoa Solar, Spain

*Accelerated aging tests on ENEA-ASE solar coating*

- Augusto Maccari, Archimede Solar Energy, Italy

*Durability testing of parabolic trough receivers: overheating, cycling and AR-coating abrasion*

- Florian Sutter, DLR, Germany

Venue: IK4-TEKNIKER, Eibar, Spain

Travel: Bilbao (BIO) is the nearest airport (30 min)

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