

# *“Tribocorrosion: Science and Technology - an introductory course”*

## CONTENT COURSE ON TRIBOCORROSION

EUROCORR2012 - ISTANBUL

Version 10.07.2012

### Morning session:

- Introduction - Phenomena of tribocorrosion in medical and industrial sectors  
*Luis Rochas, Univ. do Minho (Portugal) (20')*
- Module 1 - Depassivation and repassivation phenomena: synergism in tribocorrosion  
*Vincent Vivier, Univ. P& M. Curie (France) (2 x 20' inclusive discussion)*
- Module 2 - Depassivation and repassivation phenomena: multi-scale and multi-disciplinarity  
*Vincent Vivier, Univ. P& M. Curie (France) (2 x 20' inclusive discussion)*
- Module 3 - An industrial tribotesting strategy  
*Dirk Dees, Falex Tribology N.V. (Belgium) (2 x 20' inclusive discussion)*

### Afternoon session:

- Module 4 - **Studying tribocorrosion *in-situ*: electrochemical measurement**  
*Vincent Vivier, Univ. P& M. Curie (France) (2 x 20' inclusive discussion)*
- Module 5 - The design of a protocol for passivating materials  
*Nikitas Diomidis, Nagra - National Cooperative for the Disposal of Radioactive Waste (Switzerland)*  
**(2 x 20' inclusive discussion)**
- Module 6 - Testing procedure for passivating materials : case study  
*Raquel Bayon, Tekniker (Spain) (2 x 20' inclusive discussion)*
- Module 7 - Normative approach  
*Amaya Igartua, Tekniker (Spain) (20' inclusive discussion)*
- Conclusion - Round Table discussion  
*Jean-Pierre Celis, KU Leuven (Belgium) & Pierre Ponthiaux, ECP (France) (20')*