



FORGEMAT CD\_JEP\_33008\_2005\_MA

**Fourth Meeting of the Steering Committee  
November 14, 2008  
Nancy, France**



## ◆ **TEACHER TRAINING**

### ➡ **Moroccan teachers invited for two weeks to Europe for training at the partner universities**

- To observe and to enrich their knowledge of new materials technologies
- How materials science and engineering is taught in the field of materials
- Check resources (books, documents ...), facilities, equipment ...
- Have a general idea of laboratory work in this field... and establish a kind of report on good practice
- Possibility of scientific research collaboration

### ➡ **European teachers invited for a week to the FSTM**

- Help Moroccan lecturers to set up new course
- Give 1 to 3 lectures for students
- Discuss with the professors for possible scientific research collaboration

## ◆ The realized trainings

Courses	« ideal » dates for training sessions	Host university for the training session + name of lecturer in charge of training
1-Metallurgy Technology (B. Rhouta)	October 27 - November 10, 2007	UPC – Jose Maria Cabrera (Barcelone - Spain)
2-Powder Technologies, glass and ceramics (L. Saadi)	December 01 - December 15, 2007	UDS – Rolf Clasen (Saarbrücken – Germany)
3-Mechanical Behaviour of polymers (A. Belfkira)	November 14 - November 30, 2007	EEIGM - Serge Etienne (Nancy - France)
4-Surface Engineering of Materials (A. Alimoussa)	January 20 - February 05, 2008	LTU - Esa VUORINEN (Lulea – Sweden)
5-Project management (A. Bellakouiri)	May 14 – May 28, 2008	EEIGM - Dominique Hertz (Nancy - France)
6-Process engineering (K. Khatib)	May 18 – May 31, 2008	LTU - Torbjörn Ilar (Lulea – Sweden)
7-Functional materials (L. Hajji)	February 2008 – July 2008	UDS – Mücklich (Saarbrücken – Germany)
8-Composite materials with inorganic matrix (M. El Azhari)	July 06 – July 19, 2008	UPC: M. Anglada (Barcelone – Spain)
9-Polymer Science and Engineering –Processing and Design (H.Kaddami)	October 25 – November 08, 2008	LTU – Roberts Joffe- (Luléa – Sweden)
	Timing of the missions (Europe --> Marrakech)	
1-Mechanical Behaviour of polymers (Serge Etienne)	April 13 – April 19, 2008	FSTM - Morocco
2-Composite materials with inorganic matrix (M. Anglada)	April 2008	FSTM - Morocco
3-Powder Technologies, glass and ceramics (Rolf Clasen)	October 18 – October 25, 2008	FSTM - Morocco

## ◆ Trainings to be realized in Europe

Courses	« ideal » dates for training sessions	Host university for the training session + name of lecturer in charge of training
10-Fabrication Technology (Chennani)	Middle of the February 2009	UDS – Dirk Bähre (Saarbrücken – Germany)
11-Materials selection and fabrication processes (M. Waqif)	September 2008 – January 2009	UPC : José .M Cabrera (Barcelone - Spain)
12-Plasturgy (H. Kaddami)	September 2008 – January 2009	EEIGM Guo Ha HU (Nancy - France)
13- Deformation and fracture (Benhida)	February 2009 – July 2009	LTU – Esa VUORINEN (Luléa – Sweden)
14-Materials mechanics (rupture, cracks, fatigue, failure...) (M. Benyoucef)	February 2009 – July 2009	UPC: Antonio Mateo or Marc Anglada (Barcelone - Spain)
15-Materials corrosion and degradation (A. Khalil)	February 2009 – July 2009	EEIGM - Jean STEINMETZ (Nancy - France)
16-Non destructive testing (Hasri)	February 2009 – July 2009	UDS - Walter Arnold (Saarbrücken – Germany)
17-Quality, safety and environment management (A. Aboudia)	February 2009 – July 2009	EEIGM - Danielle Barth (Nancy - France)

## ◆ Trainings to be realized in Morocco

Courses	« ideal » dates for training sessions
4-Metallurgy Technology (Jose Maria Cabrera)	February 2009 – July 2009
5-Surface Engineering of Materials (Esa Vuorinen)	March 16 – March 28, 2009
6-Project management (Dominique Hertz)	April 11 – April 19 2009
7-Process engineering (Torbjörn Ilar)	February 2009 – July 2009
8-Functional materials (N. Jeanroine)	February 2009 – July 2009
9-Fabrication Technology ( <b>Dirk Bähre</b> )	February 2009 – July 2009
10-Materials selection and fabrication processes (Jose Maria Cabrera)	February 2009 – July 2009
11-Plasturgy (Guo Ha HU)	February 2009 – July 2009
12-Polymer Science and Engineering –Processing and Design (R. Joffe)	March 21 – March 28, 2009
13- Deformation and fracture (Esa Vuorinen)	September 2009 – January 2010
14-Materials mechanics (rupture, cracks, fatigue, failure...) (Antonio Mateo or Marc Anglada)	September 2009 – January 2010
15-Materials corrosion and degradation (Jean STEINMETZ)	September 2009 – January 2010
16-Non destructive testing (Walter Arnold)	September 2009 – January 2010
17-Quality, safety and environment management (Danielle Barth)	September 2009 – January 2010