

The school

SMART is a summer school organised by Department of Chemical, Management, Informatics and Mechanical Engineering (DICGIM) of University of Palermo and Chair of Manufacturing Technologies (LFT) of University of Erlangen–Nürnberg.

The school addresses to young researchers and PhD students whose research interests are focused on sheet metal forming. Fundamental and advanced topics covering a wide field of manufacturing processes and materials of sheet metal processing are presented.

The participants who pass the final exam and present a well judged project will receive 4 ECTS-credits.

Location

The school will be held close to Cefalù, an important and elegant old fishing village in western Sicily. The beautiful old square, in the centre of the town, offers wonderful views of the historic cathedral and traditional wooden fishing boats can still be found on the beach nearby.



Venue

The school will be held in Costa Verde Hotel (<http://www.hotel-costaverde.it>).

The hotel offers swimming pool, fitness centre, tennis courts, mini football fields, basket and volleyball court, bowls pitches, archery area, beach with deckchairs, sun umbrellas, showers, windsurf broods, sailing boats and canoes.

Contacts

Current information and registration detail on SMART2013 can be found at the website <http://dicgim.unipa.it/smart2313>.

E-Mail: smart2013@unipa.it

For Italy:

DICGIM– University of Palermo
Viale delle Scienze - 90128 Palermo
Fax: 0039 09113860842
Dr. Ing. Dorotea Contorno
Tel. 0039 091 23897266; 00393478858166
Prof. Livan Fratini
Tel. 0039 091 23861851; 00393204363060

For Germany:

Dr.-Ing. Dipl.-Inf. Raoul Plettke
Egerlandstr. 13, 91058 Erlangen
Tel.: 09131/85-20839



UNIVERSITÀ DEGLI STUDI DI PALERMO
DICGIM - DIPARTIMENTO DI INGEGNERIA CHIMICA, GESTIONALE, INFORMATICA, MECCANICA



Lehrstuhl für Fertigungstechnologie



3rd Summer School

On

Sheet
Metal
Advanced
Research &
Teaching



Cefalù, Sicily

29th September - 4th October 2013



Programme

Sunday September 29th

Camp meeting
Transfer from Palermo Airport to the hotel
Registration
Presentation and introducing lessons
dinner

Monday September 30th **Tuesday October 1st** **Wednesday October 2nd**

Breakfast
Courses (6 hours)
Lunch
Individual learning and free time
Dinner

Tuesday October 3th

Breakfast
Courses (6 hours)
Lunch
Final test
Dinner

Friday October 4th

Breakfast
Editing final test
Transfer to Palermo Airport

Lectures

Fabrizio Micari, Livan Fratini, Gianluca Buffa
(*University of Palermo*)

Marion Merklein, Michael Shmidt, Hinnerk Hagenah, Raoul Plettke (*University of Erlangen-Nuremberg*)

Stefania Bruschi (*University of Padova*)

Alexander Brosius (*University of Dresden*)

Dorel Banabic (*University of Cluji-Napoca*)

Courses:

- Knowledge base engineering (R. Plettke)
- Incremental Forming (F. Micari)
- Sheet/bulk forming processes (M. Merklein)
- F.E. analyses: basics (L. Fratini)
- Machines for forming operations (S. Bruschi)
- Solid bonding phenomena (G. Buffa)
- Advanced plasticity and anisotropy (D. Banabic)
Laser welding and brasing (M. Shmidt)
- Advanced Laser treatments (M. Shmidt)
- Tube bending (R. Plettke)
- Stamping operations (A. Brosius)
- Damage modeling (A. Brosius)
- Hot stamping processes (S. Bruschi)
- Heat tailored blanks (M. Merklein)
- Advanced modeling for forging operations of Titanium alloys (L. Fratini)

Fees

SMART registration fee includes:

- * School fee;
- * Transfer from/to Palermo Airport to/from the hotel;
- * Slides and other teaching material;
- * Hosting in double or triple rooms at Costa Verde Hotel ;
- * Full board

Early registration (before May 30th): €500

Regular registration (before July 31st): €600

Details for Payment

Bank name:

UNICREDIT GROUP - FILIALE 100

Bank street address:

Via Roma n. 185 – 90133 Palermo, Italy

Account name:

Università degli Studi di Palermo

Account number:

000300004577

IBAN:

IT 46 X 02008 04663 000300004577

BIC SWIFT code:

UNICRITM1Z58

Reference:

DICGIM SMART participant's name