EUROPEAN NETWORK OF R & D AND TRAINING ORGANISATIONS OF METAL BRANCH

METNET
Seventh International Seminar in Izmir
10.-11.10. 2012
(Preconference 9.10.2012)
**Introduction**

In the Izmir meeting the Metnet partners will be presenting their latest developments and latest proceedings in the R&D work on the metal branch.

The papers and articles presented into scientific section will be published in the scientific book / e-book of the seminar.

The general purpose of the Metnet network is to match and utilize the know-how and activities of European R&D and training organizations, to develop new products, services and business for the companies on metal branch, to support innovation processes in companies on metal branch and to promote knowledge and best practice know-how transfer between companies, research and training organizations in Europe.

**Lauri Tenhunen**
Chairman Metnet

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**Program Tuesday 9 October 2012 – Pre-conference Day**

**SWISSÔTEL GRAND EFES**
Gaziosmanpasa Bulvari No: 1 35210
Alsancak, Izmir Turkey

- Project meetings, BOAT, Rocket
- Bilateral Meetings
- Student international practising arrangements
- Posters etc.
Program Wednesday 10 October 2012

Meeting place on both seminar days:

SWISSÔTEL GRAND EFES
Gaziosmanpasa Bulvari No: 1 35210
Alsancak, Izmir Turkey

The Petek Boardroom, Convention Centre’s 3rd floor

08:00  Registration begins

09:00  Izmir Development Agency - General information about Izmir/Turkey & insight to Izmir’s economical life and its characteristics
       Sedef Ozer, Izmir Development Agency

09:15  Seminar Program Outline & practical matters
       Lauri Tenhunen
       HAMK University of Applied Sciences, Hämeenlinna

Plenary Session 1
New steels and bolted connections
Chair: Josef Machacek

09:20  Bending properties of some ultra-high-strength steels
       Raimo Ruoppa*, Jani Sipola*, Rauno Toppila* and Vili Kesti**
       *Kemi-Tornio University of Applied Sciences, Kemi, Finland
       **Ruukki Metals Oy

09:40  Bolts for Slip Resistant Joints in Towers for Wind Turbines
       Christine Heistermann and Milan Veljkovic
       Luleå University of Technology, Sweden

10:00  Investigation of strain localization of high strength steel with the help of DIC
       Jukka Joutsenvaara
       Kemi-Tornio University of Applied Sciences, Kemi, Finland

10:15  Discussion

10:40  Coffee Break
Plenary Session 2
Steel Structures
Chair: Karol Bzdawka

11:00 Interaction of non-metallic membranes with supporting steel structure
David Jermoljev and Josef Machacek
Czech Technical University in Prague, Czech Republic

11:20 Multi-criteria optimization of buildings
Teemu Tiainen, Mauri Laasonen, Markku Heinisuo, Kristo Mela, Mikko Salminen, and Timo Jokinen
Tampere University of Technology, Tampere, Finland

11:40 A semi-rigorous approach for interaction between local and global buckling in steel structures
Kuldeep S Virdi
Department of Engineering, Aarhus University, Denmark

12:00 Discussion

Announcements

12:30 International traineeships – A platform for job offers, a tool for guidance
Marja Laurikainen
HAMK University of Applied Sciences, Finland

13:00 Lunch Break

14:00 Excursion: Sightseeing tour by bus

19:00 Dinner

ALTIN KAPI (Golden Gate)
1444 Sok. No: 9/A Alsancak
IZMIR

Directions will be given during the Seminar
Thursday 11 October 2012

08:30 Registration begins

Plenary Session 3
Management issues
Chair: Kuldeep Virdi

09:00 Sustainable refurbishment of a multi-storey residential house - steel solutions
Olli Ilveskoski
HAMK University of Applied Sciences, Hämeenlinna, Finland

09:20 Transforming safety and security field - Future competence
Anneli Manninen, Tarja Meristö and Jukka Laitinen
Laurea University of Applied Sciences, Helsinki, Finland

09:40 Evolutionary approach to product development projects
Reunanen Tero*, Valtanen Juha** and Windahl Riitta*
*Turku University of Applied Sciences, Turku, Finland
**Machine Technology Center, Turku, Finland

10:00 Optimizing Offers in Steel Construction Projects
Lauri Tenhunen
HAMK University of Applied Sciences, Hämeenlinna, Finland

10:20 Discussion

10:50 Coffee Break

11:10 Design of steel structures subjected to extrem dynamic loadings
Wojciech Sumelka & Tomasz Łodygowski, Poznan University of Technology, Poland

11:30 Parallel Group works

13:00 Lunch

14:45 Coffee break

15:50 Welcome to Luleå 2013
Professor Christine Heistermann, Luleå Technical University

16:00 End of seminar
Contact information:

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Meeting places in Izmir 10.-11.10.2012

SWISSÔTEL GRAND EFES  
Gaziosmanpasa Bulvari No: 1 35210  
Alsancak, Izmir Turkey

ALTIN KAPI (Golden Gate)  
1444 Sok. No: 9/A Alsancak  
IZMIR  
Tel. +90(232)4222709
Accommodation places in Izmir

Recommended hotels in Izmir are:

IZMİR Palace

Atatürk Caddesi 35210 İZMİR TURKEY
Tel : +90 232 465 00 30
Fax : +90 232 422 68 70
E-Mail : info@izmirpalas.com.tr

Just across the street from the meeting place.

City view 1 SGL room B/B : 135 TL
City view 1 DBL room B/B : 200 TL
Sea view 1 SGL room B/B : 150 TL
Sea view 1 DBL room B/B : 220 TL

Prices include breakfast (open buffet), service charge and taxes.

SWISSÔTEL GRAND EFES

Gaziosmanpasa Bulvari No: 1 35210
Alsancak, Izmir Turkey
Tel: +90 (232) 414 0000
Fax: +90 (232) 414 1010
izmir@swissotel.com

Approximately 0.5 kilometres from the meeting place.

ROH / Single
Classic & Swiss Advantage Room, price 115 euros / night

ROH / Double
Classic & Swiss Advantage Room, price 135 euros / night

Please contact Meric Berker for the reservations;

E-mail: Meric.berker(at)swissotel.com
Direct Phone: 00902324145073

The hotel will then ask for the reservation form from the guests in order to guarantee the reservation.

Due to high occupancy of the hotel the guests must book no later than 24 September 2012, using the reference: "Metnet seminar/University". This will guarantee the above mentioned prices.
Sponsors of the Seminar

Rautaruukki Oyj
HAMK University of Applied Sciences
European Regional Development Fund ERDF
European Social Fund ESF