



Invitation

Workshop

**March 24th
2011**

**Building with sandwich panels:
fast, safe and energy saving**
**Construcción con paneles sandwich:
rápida, segura y eficiente**

**Col.legi oficial d'Enginyers Industrials de Catalunya
Via Laietana nº39 - Barcelona - Spain**

Host company: APIP'ÑA is a member of EASIE PROJECT



- ▶ Increase the performances of your sandwich panels
- ▶ Develop the use of sandwich panels in the building sector
- ▶ Discover the practical results of the EASIE research program on sandwich panels

The EASIE Project has received support from the European Community
EASIE Project is a program research on sandwich panels for the benefit of SMEs

Register now as the number of participants is limited

WWW.EASIE.EU

Workshop Program

9:00	Introduction
9:15	Load bearing behavior; How is a sandwich panel working? <i>Prof. Dr.-Ing. Jörg Lange – Technische Universität Darmstadt - Germany</i>
10:00	Allowable span tables on the base of the CE-mark <i>Prof. Dr.-Ing. Klaus Berner - IS Engineering</i>
10:45	APIP'ÑA “Asociación de fabricantes de paneles sándwich de poliuretano de España” <i>Neus Comas, General Secretary</i>
11:00	Coffee
11:15	Sandwich panels and architecture <i>Michiel Cohen, architect, Cepezed architects - The Netherlands</i>
12:00	Sustainability in Sandwich Panel Construction <i>Dr.-Ing. Markus Kuhnhenne – RWTH University Aachen</i>
12:45	Repair and retrofiting <i>Paavo Hassinen – Aalto University, Finland</i>
13:15	Lunch
14:15	Thermal bridges and Air Tightness of Sandwich Contruction <i>Dr.-Ing. Ralf Podleschny – EPAQ (European Quality Assurance Association for Panels and Profiles)</i>
15:00	Coffee
15:15	Experimental studies on durability of sandwich panels <i>Paavo Hassinen – Aalto University, Finland</i>
15:45	Thermal and structural behavior in openings and joints <i>Dipl.-Ing. Felicitas Rädels – TU Darmstadt</i>
16:00	Final conclusions <i>Prof. Dr.-Ing. Jörg Lange – Technische Universität Darmstadt - Germany</i>
17:00	End

Lectures are held in English language with si

9:00	Introducción
9:15	Comportamiento de los paneles bajo carga. ¿Cómo trabaja un panel sándwich? <i>Dr.-Ing. Jörg Lange – Technische Universität Darmstadt - Alemania</i>
10:00	Tablas de carga con los datos del nuevo mercado CE <i>Prof. Dr.-Ing. Klaus Berner - IS Engineering</i>
10:45	APIP'ÑA “Asociación de fabricantes de paneles sándwich de poliuretano de España” <i>Neus Comas, Secretaria General</i>
11:00	Café
11:15	Arquitectura con paneles sándwich <i>Michiel Cohen, arquitecto, Cepezed architects - Países Bajos</i>
12:00	Sostenibilidad en la construcción con paneles sándwich <i>Dr.-Ing. Markus Kuhnhenne – RWTH University Aachen</i>
12:45	Mantenimiento y reparación <i>Paavo Hassinen – Aalto University, Finlandia</i>
13:15	Almuerzo
14:15	Puentes térmicos y impermeabilidad en la construcción con paneles sándwich <i>Dr.-Ing. Ralf Podleschny – EPAQ (European Quality Assurance Association for Panels and Profiles)</i>
15:00	Café
15:15	Durabilidad de los paneles sándwich. Estudios experimentales <i>Paavo Hassinen – Aalto University, Finlandia</i>
15:45	Comportamiento térmico y estructural en las juntas y oberturas de las construcciones con paneles sándwich <i>Dipl.-Ing. Felicitas Rädels – TU Darmstadt</i>
16:30	Conclusiones finales <i>Prof. Dr.-Ing. Jörg Lange – Technische Universität Darmstadt - Alemania</i>
17:00	Fin

Participation form

Date of application

Company / affiliation

First Name Name

Job position

Address

Postcode Town Country

E-mail

Telephone Fax Mobile phone

Registration

For registration, please email this application form or send a fax to APIP'NA :
 apipna@apipna.com • Fax: +34 93 552 85 01

Registration fee: 150€

For APIP'NA and E.IC members:
 registration fee is only 50€

Registration fee must be paid by transfert:
 Catalunya Caixa
 Bank account: 2013 0205 11 0206189722
 SWIFT code: CESCESBBXXX
 IBAN No: ES492013 0205 11 0206189722

Venue

Col.legi Oficial d'Enginyers Industrials de Catalunya (COEIC)
 Via Laietana, 39 - 08003 Barcelona - Spain
 Tel. COEIC: +34 93 319 23 00
 Tel. APIP'NA: +34 93 416 16 51

Metro:
 Linea 1 or Line 4: "Urquinaona Station"
 Linea 1, L3, L6 or L7: "Catalunya station"
 Linea 4: "Jaume I Station"

Bus:
 n°17, 19, 40, 45

The workshop has received support from the European Community.
 As the number of participants is limited the seat will be filled up according to the date on participation form.

