



ADVANCEMENTS FOR METAL BUILDINGS
CONGRESS

ROME 22.-23.09.

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Thursday, 22nd September

10.00 – 13.00	EPAQ General Assembly (members only) Room "Conference Sette"
13.00 – 14.00	Buffet
	Congress Room "M + S"
14.00 – 15.45	Opening
	The importance of research for the sandwich panel industry, Sandra Bojić (M-Profil), Dr. Maciej Klósak (ArcelorMittal Construction Polska) Dr. Lars Pfeiffer (ThyssenKrupp Steel Europe)
	The EASIE Project – an overview, Prof. Bernd Naujoks (iS-mainz)
	EASIE – Structural behaviour of openings with and without frames, Prof. Jörg Lange (TU Darmstadt)
	EASIE – Comparison of design by testing and design by calculation, Prof. Klaus Berner (iS-mainz), David Izabel (SNPPA)
	EASIE – New applications for sandwich panels: stabilization and load transfer, Saskia Käpplein (Karlsruhe Institute of Technology), Dr. Thomas Misiek (Karlsruhe Institute of Technology)
15.45 – 16.30	Coffee Break
16.30 – 17.30	The new Construction Product Regulation, Pascal Bar (CEPMC)
	Air tightness and thermal performance of lightweight metal constructions, Dr. Markus Kuhnhenne (AINA)
17.30 – 18.00	Discussion
20.00	Cocktail and dinner

Friday, 23rd September

	Congress Room "M + S"
09.00 – 10.15	EASIE – Durability of sandwich panels, Paavo Hassinen (Aalto University)
	EASIE – Retrofitting of damaged sandwich panels, Eric Rustemeijer (RBM Europe)
	EASIE – E-Learning and Dissemination of results, Prof. Jörg Lange (TU Darmstadt), Valerie Prudor (PanandPro Europe)
	EASIE – Conclusions, future requirements and input to codification, Prof. Bernd Naujoks (iS-mainz)
10.15 – 11.00	Coffee Break
11.00 – 13.15	South America: Unde venis, quo vadis, Jörg P. A. Thomsen (iso-técnica)
	Long term behaviour of profiles of galvanized sheet in a wall cavity environment, Dipl.-Ing. Otto Kettlitz (Kettlitz Gevel- en Dakadvies)
	Monologue or dialogue – the design of industrial building envelopes made of metal sheet, Prof. Helmut Hachul (University of Applied Sciences and Arts Dortmund)
12.45 – 13.00	Discussion
13.00	End of congress
13.00 – 14.00	Buffet
14.00 – 17.00	Pan and Pro Europe General Assembly (members only) Room "Conference Sette"

We are pleased to announce to you the 5th EPAQ and PAN & PRO Congress in Rome. This year we have the pleasure to invite you in cooperation with high-ranking representatives of the easie project which is a part of the Seventh Framework Programme for research and technological development (FP7). The project has been funded by the European Commission in order to

- gain leadership in key scientific and technology areas
- stimulate the creativity and excellence of European research
- develop and strengthen the human potential of European research
- enhance research and innovation capacity throughout Europe

The use of sandwich panels is continuously increasing and new application areas are opened in industrial, residential and office buildings. The European Standard for sandwich panels EN 14509 has a lack of rules or requirements for many important areas like fastening of the panels, openings in panels, axially loaded panels and panels stabilizing frame structures. Despite there is a lot of knowledge in different countries on these subjects, no common rules have been developed, thus putting a hinder to the standardization and leading to barriers for some of these applications.

The aim of this project is to overcome these problems and develop solutions and technical guidelines ready for implementation for the revision of the standard EN 14509.

This year's congress will be focused on the main outcomes and conclusions of the easie project. Furthermore we have compiled a selection of subjects for you which include both current information about manufacturing and sales of your product as well as prospects for their use.

Participation does not require membership.

We are looking forward to greeting you in Rome!

