

Parma, Italy

Parma is a city in the Italian region of Emilia-Romagna famous for its prosciutto, cheese, architecture, music and surrounding countryside. It is home to the University of Parma, one of the oldest universities in the world. Parma is divided into two parts by the little stream with the same name. Parma's Etruscan name was adapted by Romans to describe the round shield called *Parma*. The district on the far side of the river is *Oltretorrente*. Parma is synonymous with nature, history and art. Indeed, names such as Antelami, Correggio, Parmigianino, Verdi and Toscanini made their mark in a city in this sophisticated and graceful jewel of a city.

Accessibility Parma

Parma is well accessible by the airport of Milano Linate. From Milano Linate to Milano Centrale train station there is a bus service (www.starfly.net) every 30 minutes. From Milano linate to Parma you can take a train (the best choice is the train frecciabianca) you can choose the train at the site <http://www.trenitalia.com/>.

Venue

The meeting will take place at the Centro Congressi S. Elisabetta, Parco Area delle Scienze, 95 Campus Universitario, Parma, Italy
Directions to the venue will be available after registration.

Accommodation

The cost of accommodation is not included within the fee, a list of hotels available can be provided upon request to the Program Secretary Users Meeting.

The meeting is co-organized by DIANA Users Association and TNO DIANA BV.

Organizing Committee

Ane de Boer, DIANA Users Association
Henco Burggraaf, DIANA Users Association
Coen v.d. Vliet, DIANA Users Association
Gerd-Jan Schreppers, TNO DIANA BV
Beatrice Belletti, University of Parma

DIANA Users Association

The DIANA Users Association was set up to create a forum of users in order to exchange experience with DIANA. It also serves as intermediate with TNO DIANA BV, collecting requirements of the members for further development or improvement, and informing members about updates of the software.
The association organizes regular meetings and workshops, and issues reports and publications on projects and studies conducted with DIANA.

More information can be found at www.dianausers.nl.



TNO DIANA BV

TNO DIANA BV is a subsidiary of TNO which develops, markets and supports DIANA.

The team of TNO DIANA BV has a well-proven track record, stretching back to the 1970's in the delivery of high quality finite element analysis technology to leading engineering-based organisations.

TNO DIANA BV also undertakes customization, consultancy on behalf of customers and provides training worldwide.

More information can be found at www.tnodiana.com



9th International DIANA Users Meeting November 4th, 2014



UNIVERSITÀ DEGLI STUDI DI PARMA

Hosted by
University of Parma
Parma - Italy



L'Ordine degli Ingegneri di Parma ha valutato che i contenuti scientifici sono congrui con l'obiettivo dell'aggiornamento professionale in relazione alla specificità dell'evento. Per la partecipazione al Convegno verranno rilasciati 3 CFP.

SCHEDULED PRESENTATIONS

“A Comparative Study of Two Solution Strategies for NLFEA of Concrete Structures”

Morten Engen^{1,2}, Max Hendriks^{1,3}, Jan Øverli¹, Erik Åldstedt², ¹NTNU, Norway, ²Multiconsult AS, Norway, ³Delft University of Technology, The Netherlands

“FEM calculations with SFRC in relation to the modelcode 2010”

Ab van den Bos, TNO DIANA Engineering bv
The Netherlands

“On the nonlinear behaviour of joint connections between precast members realised using steel dowel”

Beatrice Belletti, Cecilia Damoni, Matteo Scolari
and A. Stocchi, University of Parma, Italy

“3-D analyses of CMA in prestressed concrete bridge decks”

Cor van der Veen¹, Sana Amir¹, Ane de Boer²
¹Delft University of Technology, Netherlands,
²Ministry of Transport and Public Works,
The Netherlands

“Effect of cracking and building weight on the interaction between tunnelling and masonry structures”

Giorgia Giardina, Matthew DeJong and Robert Mair,
University of Cambridge,
United Kingdom

“A multi-level structural assessment proposal for reinforced concrete bridge deck slabs”

Mario Plos, Shu Jiangpeng, Karin Lundgren,
Kamyab Zandi, Chalmers University, Sweden

“Modelling the bond behaviour of naturally corroded reinforced concrete”

Mohammad Tahershamsi, Ignasi Perez, Kamyab Zandi,
Karin Lundgren and Mario Plos
Chalmers University, Sweden

“Fire analysis of reinforced concrete precast tunnel lining considering the spalling effect”

N. Bettine¹, R. Felicetti², G. Lilliu³, A. Meda⁴ and P. Riva¹, ¹Universitu of Bergamo, ²Politecnico di Milano, ³Formerly TNO DIANA, ⁴University of Rome Tor Vergata, Italy

“CONSHEAR model from UPC: A shear-sensitive fibre beam formulation for nonlinear, time-dependent and phased analysis of RC structures”

Denise Ferreira, Jesús Bairán and Antonio Mari,
Universitat politècnica de Catalunya (UPC), Spain

Additional sessions

The usual Users Wishes session will be held after the lecture session on Tuesday afternoon. In this session activities of the Users Association will be highlighted as well as the upcoming features of the new Release of DIANA.

SOCIAL EVENT

The social event will be at the Antica Corte Pallavicina – Polesine Parmense PR Italy.

REGISTRATION FORM

(also downloadable from www.dianausers.nl)

Please complete this form and send to the Meeting Secretary.

Full name:

Job Title:

Organisation:

VAT number: (EC only)

Postal address:

Country:

Phone:

Email:

Special needs: disabilities / dietary / vegetarian *
(* delete as appropriate)

SUBSCRIBE TO

- Int. DIANA Users Meeting on 4th November 2014
 - standard fee = € 150
 - student fee = € 75(Fee includes lunches, refreshments)
- Social event including dinner on 4th November 2014
 - additional fee Social dinner = € 100

METHOD OF PAYMENT

Payment should be made by electronic transfer.

Bankname: ABN-AMRO Beuningen
Payment reference: DIANA Int. Users Meeting 2013
Address: **Julianaplein 103**
NL-6641 CS BEUNINGEN
Account name: DIANA OntwikkelingsVereniging
Account number: 517360381
IBAN code: NL14ABNA0517360381

Registration will be confirmed as soon as payment is received.

Program Secretary Users Meeting

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