Porto, Portugal

This fascinating city in the North of Portugal, just a few kilometres from the Atlantic Ocean, is the second largest city in Portugal after Lisbon. Porto is an important industrial and commercial pole, where modern and ancient live in perfect symbiosis. The best way to visit Porto is walking along its traditional streets, rich of fascinating and unexpected views. Besides its city centre, Porto boasts other touristic attractions outside the city and along the coast. Let's not forget that Porto is worldwide known for its wine, and a visit to one distillery will be an unforgettable experience!

Accessibility Porto

Porto is easy accessible from Porto Francisco Sá Carneiro airport. The airport has a direct metro line – violet, line E - to the Porto downtown (25 minutes).

Venue

The Faculty of Civil Engineering of the University of Porto FEUP) in Porto will host the meeting during both days. t is directly connected to Porto downtown by metro – yellow, ine D – within 15 minutes. Exit Pólo Universitário. The full venue address is:
Rua Dr. Roberto Frias, s/n 4200-465, Porto

Recommended Accommodation

Please note that you have to arrange and pay your accommodation yourself. A recommended hotel downtown Porto is the Grande Hotel do Porto, 3-5 minutes from the metro line D and E. A special event discount can be arranged by: mdonaria@rcvviagens.webside.pt
A list of other hotels in Porto can be found at www.portoturismo.pt

Users Meeting committee 2007

DIANA Users Association
Ane de Boer, Nynke Vollema, Flavio Galanti
University of Porto, Faculty of Civil Engineering
Mario Pimentel
TNO DIANA BV
Max Hendriks
TRI Communication
Yolanda van Willige

DIANA Users Association

Members of this association are Users of the DIANA software program, interested in numerical mechanics, finite element methods and in development and improvement of DIANA.
The scope of the association is to serve as a meeting forum for exchange of 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 at www.dianausers.nl

FEUP Universidade do Porto Faculdade de Engenharia

TNO DIANA BV

This wholly owned subsidiary of TNO develops, markets and supports the DIANA Finite Element Analysis software packages and undertakes customization, consultancy and client training activities on behalf of customers world-wide. 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.
The company is focused on helping customers in civil, structural and petroleum engineering to achieve their goals through the more efficient and effective use of accurate analysis tools.
More information at www.tnodiana.com

DIANA Finite Element Analysis

FINAL ANNOUNCEMENT

International DIANA Users Meeting

19-20 April 2007

University of Porto
Porto
Portugal

Presentations

Non-linear modelling of concrete structures at FEUP/LABEST
J. Figueiras and R. Faria, University of Porto, Portugal

Modelling of concrete dams and rock engineering problems
J. Vieira de Lemos, LNEC, Portugal

What is more stable for RC and masonry: a single nonlinear analysis or a sequence of thousand linear analyses?
J.G. Rots, Delft University of Technology, The Netherlands

Recent DIANA-applications in Master- and PhD-studies at NTNU
K. Hoiseth, Norwegian University of Science and Technology, Norway

Geomechanical modelling of subsurface and surface deformations with DIANA
B. Orlic, TNO Built Environment and Geosciences, The Netherlands

A DIANA model of a precast-prestressed connection
R. Nascimbene, EUcentre, Italy

Semi-probabilistic lining design of a shield driven tunnel
T. Haring, TEC / Witteveen & Bos, The Netherlands

Applying a fracture mechanics approach to material testing and structural analysis of FRC beams
A. Jansson, Chalmers University of Technology, Sweden

Using Diana in Education and Research for Building Technology
A. Borgart, Delft University of Technology, The Netherlands

Dynamic analysis and fatigue verification of precast bridge decks for high speed railways lines
J.F. Sousa, University of Porto, Portugal

Ultimate Limit State analysis of a segmented tunnel lining
A. Luttikholt, Delft University of Technology/TNO Built Environment and Geosciences, The Netherlands

Applications of non-linear dynamics to historical structures
P. B. Lourenço, University of Minho, Portugal

Simulation of shear-type cracking and failure in reinforced and prestressed concrete members
H. Broo, Chalmers University of Technology, Sweden

Damage identification using DIANA-matlab interface for dynamic model updating
L. Ramos, University of Minho, Portugal

Flexfloor, Structural aspects of a new floorsystem
H. Burggraaf, TNO Built Environment and Geosciences / Delft University of Technology, The Netherlands

Social Event

The social event will take place on the Thursday late afternoon and evening includes a visit to *la Casa da Música* and dinner. Built across the Rotunda da Boavista after Porto was selected Cultural Capital of Europe in 2001, *la Casa da Música* has been acclaimed worldwide as the masterpiece of the renowned Dutch architect Rem Koolhaas.

Workshop

The Meeting will be concluded on Friday 20 April in the afternoon with a workshop.
During this workshop participants will have the possibility to express their wishes concerning future developments in DIANA. Special attention will be given to the new pre-/post-processor, midas FX+ for DIANA and to the most recent developments in DIANA. Time will be allocated for specific questions/remarks concerning the use of DIANA.

DIANA 9.2 | Midas FX+ for DIANA Training

On Wednesday 18 April, TNO DIANA will hold a short training session, which precedes the DIANA Users Meeting. This training session is dedicated to DIANA 9.2. During the training participants can learn about the new analysis features in DIANA 9.2 and get familiar with the new pre-/post-processing, midas FX+ for DIANA.
The training session will take place from 4 pm until 8 pm at a location, which will be confirmed.
The fee for attending this training session is € 50, and includes dinner. Pre-registration for this event is compulsory.

REGISTRATION FORM

(also downloadable from www.dianausers.nl)

Please complete this form, deleting as appropriate, 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 /

SUBCRIBES TO

□ fee members, students & speakers = € 300
□ fee non-members = € 400
Fee includes lunch and refreshments and the additional fee social event
□ Did you contact the travel agent of the recommended hotel to make a reservation ?
Y|N I will participate in the DIANA training on 18 April 2007
< additional fee = € 50

METHOD OF PAYMENT

Electronic banking is preferred; details payments see below.
We will confirm your registration as soon as your payment is received.

POSTAL ADDRESS

DIANA Users Association
P/o Bouwdienst RWS, Attn. Ane de Boer
P.O. Box 20.000, 3502 LA UTRECHT, The Netherlands

More info: Users Meeting Secretary

JRI COMMUNICATION
Mrs. J. van Willige
Phone > +31 (0)30 285 77 00; Fax > +31 (0)842 26 88 91
Email > info@dianausers.nl

ELECTRONIC BANKING(preferred)

Bankname:	ABN-AMRO Beuningen
Payment reference >	DIANA Users Meeting 2007
Address:	Julianaplein 103
	NL-6641 CS BEUNINGEN
Account name:	DIANA OntwikkelingsVereniging
Account number:	517360381
IBAN code:	NL14ABNA0517360381