

Valencia

Valencia is located on the eastern coast of Spain. Here, you will find a wide variety of cultural and recreational activities. The historic center of Valencia is compact, so you can walk along all the sights on foot. Famous is the 13th and 14th century cathedral of Valencia and the Holy Grail.



The 15th century silk exchange, La Lonja de la Seda, is also one of the most beautiful buildings in the city. Another point of interest is the City of Arts and Sciences, or Ciudad de las Artes y las Ciencias. In fact, this is a city within a city, consisting of six futuristic buildings, each with its own function. Valencia has a varied cityscape due to the many cultures that have lived in the city.

Accessibility to Valencia

Valencia airport connects the city with almost all major Spanish cities and a large number of European cities. It is located in the west of Valencia (Manises) and is easily accessible by metro who will bring the participants to the inner city of Valencia.

Venue

The Institute of Concrete Science and Technology (ICITECH) and the Universitat Politècnica de València (UPV) will host the meeting during both days.

Location

The meeting will be held at the Universitat Politècnica de València (UPV). The UPV is a public University in Valencia, Spain, founded in 1971, with a primary focus on technical studies. As an institution dedicated to research and education, UPV currently host 17 University Research Centres of Excellence within its community.

Social Event

The social event will take place on Tuesday late in the afternoon and evening. It includes a walking tour along the river, where we will have our dinner in the Submarino restaurant at the Oceanographic.

Accommodation

The cost of accommodation is not included in the fee and a list of available hotels can be provided upon request to the Users Meeting Program Secretary. The meeting is organized by the DIANA Users Association.

Organising Committee

Ane de Boer, DIANA Users Association
Ricky Tai, DIANA Users Association
Coen van der Vliet, DIANA Users Association
Juan Navarro Gregori, UPV Valencia

DIANA Users Association

The DIANA Users Association was set up to create a forum, enabling users to exchange their experiences with DIANA. The association also serves as a conduit to DIANA FEA BV, collecting member requirements and ideas to further develop and improve the software, as well as informing members of software updates. The Users Association organizes regular meetings and workshops, and issues reports and publications on projects and studies conducted with DIANA and FEA. More information can be found at www.dianausers.nl

DIANA FEA BV



DIANA FEA BV (previously TNO DIANA BV, since 2024 a Rocscience Inc Company) develops, markets and supports DIANA.

The team of DIANA FEA BV has had a well-proven track record, for over 40 years in the delivery of high quality finite element analysis technology to leading engineering-based organisations.

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

More information can be found at www.dianafea.com

FINAL ANNOUNCEMENT



14th International DIANA Users Meeting 24-25 September 2024



Co-hosted by
Institute of Concrete Science and
Technology (ICITECH) and the Universitat
Politècnica de València (UPV)
Valencia, Spain



UNIVERSITAT
POLITÈCNICA
DE VALÈNCIA

UPV

Universitat Politècnica de València



ICITECH

Institute of Concrete Science
and Technology

Schedule Presentations Tuesday, September 24th

Keynote: Universitat Politècnica de València

Juan Navarro Gregori

Numerical study of experiments on prestressed concrete bridge girders made continuous

Niels Kostense, Delft University of Technology, The Netherlands

Antwerp Ring Road(R1)-Premetro crossing – Oosterweel

Zhekang Huang, Witteveen+Bos, The Netherlands

Finite elements model for reinforced UHPFRC tensile elements

Eduardo J. Mezquida-Alcaraz, ICITECH, Universitat Politècnica de València, Spain

Optimisation of a polymer rail baseplate

Stefan Been, Arcadis, The Netherlands

NLFEA guideline(RTD1016-1, Version 2.3, 2022) update and network manager experiences

Johan de Boon, Rijkswaterstaat, the Netherlands

Time-dependent structural finite element analysis of prestressed recycled aggregate concrete beams

Arthur Slobbe, TNO, The Netherlands

Long-term effects of creep and shrinkage on the structural behaviour of balanced cantilever prestressed concrete bridges

Emilia Andrade Borges, Delft University of Technology, The Netherlands

Workshop Creep (& Shrinkage) in DIANA

DIANA offers several possibilities to account for time dependent and visco-elastic behaviour of materials. The workshop gives some background to creep, presents different ways to model the phenomenon in DIANA and gives some examples of application. The workshop treats the subject from the engineering point of view, but will be interesting as well for starting researchers who need to take it into account.

Schedule Presentations Wednesday, September 25th

Keynote: Usage of DIANA FEA as a Research and Educational Tool at NTUA

Chris Zeris, University of Athens (NTUA), Greece

Digital twin model of a notched, post-tensioned concrete beam

Juan Antonio Mateu Sánchez, Institute of Concrete and Science Technology (ICITECH) at UPV Valencia, Spain

Structural Reinforcement of Masonry Quay Walls in Amsterdam: A Nonlinear FEA approach

Stan den Hartog, Witteveen+Bos, The Netherlands

Blind prediction contest results of prestressed concrete beams made continuous

Mohammed Sirage Ibrahim, Delft University of Technology, The Netherlands

Nonlinear finite element analysis of lightly reinforced, deep, slender beams without shear reinforcement

Gijs Eumelen, TNO, The Netherlands

DIANA for linear assessments? (Benefits of) a race horse on the slow lane

Olesea Nesterenco, Arcadis, The Netherlands

Safety formats for nonlinear analysis assessment of punching shear strength in a slab-column connections

Rafael Sanabria Díaz, Delft University of Technology, The Netherlands

The User Wishes session is at the end of the 25th

During both days there will be time for **Questions** and **Struggles with a seemingly unsolvable problem**. The Users meeting provides lots of opportunities to discuss your hurdles with other FEA experts. Bring your problem to the meeting, or send it to us on beforehand (info@dianausers.nl). For Dutch participants: 2-day participation is worth 4PE-points (permanent education) for the Register of Structural Engineers.

Program Secretary Users Meeting 2024

JRI Communication vof
Mrs. Jolanda van Willige
Phone +31 (0)6 17 28 47 39;
Email: info@dianausers.nl

REGISTRATION FORM

(also downloadable from www.dianausers.nl)

Please complete this form and send to the Meeting Secretary.

Full name:

Job Title:

Organization:

VAT number: (EC only)

Postal address:

Country:

Phone:

Email:

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

SUBSCRIPTION

- I am a (company) member of the Users Association
- I am a (PhD) student

I subscribe to this/these session(s):

	Member	Non-member	Student
<input type="checkbox"/> Workshop Creep 24 th Sep	€ 75	€ 100	€ 0
<input type="checkbox"/> User Meeting 24 th Sep	€ 125	€ 175	€ 0
<input type="checkbox"/> User Meeting 25 th Sep	€ 175	€ 225	€ 0
<input type="checkbox"/> Social Event evening 24 th Sep	€ 150	€ 175	€ 50

(Fee excl. VAT, incl. lunches and refreshments)

- I'd like to pitch my project and have a chance to win the Pitch Award.

Poster/Pitch Title:

Registration available until August 31, 2024

METHOD OF PAYMENT

After registration we send you an invoice. Payment should be made by electronic transfer, according to the details on the invoice.

Registration will be confirmed as soon as payment is received.