



LS-DYNA
2013

9th European Users' Conference

2nd – 4th June 2013

Call for Papers

Organised by:

ARUP

The Event

Summary

The 9th European LS-DYNA Conference is your chance to talk with industry experts, catch up with colleagues and enjoy time exploring new surroundings.

The centre of the industrial age, Manchester will be our conference location for 2013. The city is situated in the centre of the UK with one of the world's best connected international airports and efficient road and rail links. We think you will enjoy visiting the place that saw the splitting of the atom, construction of the world's first computer and where Mr Rolls met Mr Royce in 1904.

The event will give those in academia and industry a chance to present their work to colleagues and to catch up on the latest developments in the software.

Attendees can also meet with exhibitors to find out more about hardware, software and services relating to LS-DYNA.

Registration is now open for the event.

To book your place please visit:
<http://arup.cvent.com/euroconference>

Location

Manchester Central Convention Complex
Manchester, M2 3GX, UK

Travel

By air: Manchester airport
By rail: Manchester Piccadilly
By road: M60 junction 12 to the city centre

More travel information can be found on the conference website.

The organisers look forward to welcoming you to the UK.

Contact us

european.conference@arup.com

Schedule

Welcome Reception and Social Event:
Sunday 2nd June 2013

Conference:
Monday 3rd and Tuesday 4th June 2013

Training Courses:
Wednesday 5th to Friday 7th June 2013

Preliminary Conference Schedule

Sunday 2nd June, 2013

10:00am – 06:00pm Exhibitor Set-up
11:00am – 04:00pm Social Event
07:30pm – 09:30pm Welcome Reception

Monday 3rd June, 2013

08:30am Registration
09:00am Technical Papers (to 5:30 pm)
07:30pm Conference Gala Dinner

Tuesday 4th June, 2013

08:30am Exhibition Hall opens
09:00am Technical Papers
04:30pm End of Conference

Sponsoring and Exhibition

A number of sponsorship packages are available. If you would like to participate as an exhibitor or sponsor please contact us for further information.

Registration Fees

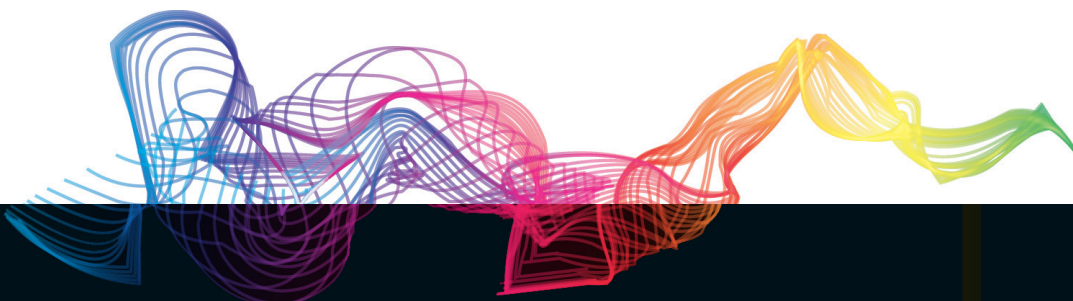
Industrial Speaker: GBP 400
Industrial Attendee: GBP 500
Academic Speaker: GBP 300
Academic Attendee: GBP 350
All prices exclude UK VAT at 20%

Accommodation

We have negotiated a discounted rate with The Midland Hotel, a Grade II listed building conveniently located opposite the conference venue. Please see the conference website for more information.

Conference Website

<http://arup.cvent.com/euroconference>



The Speakers

Call for Papers

Communicate your work or research with international colleagues to stimulate discussion and share knowledge.

Whether from academia or from industry we very much encourage all LS-DYNA users to contribute to the event by submitting a paper.

The topic of your paper may cover any of the following applications:

- Crashworthiness
- Occupant safety
- Metalforming
- Optimization
- Composites and other materials
- Robustness
- Spotwelding, bonding
- Implicit
- Pedestrian safety
- Impact, drop test
- Ballistics and penetration
- Fluid structure interaction, CFD
- CAE process integration

Or you may be presenting your work from any one of a number of sectors such as:

- Automotive
- Aerospace
- Mechanical engineering
- Ship building / offshore
- Transportation
- Biomechanics
- Civil engineering
- Packaging industry

Conference Paper Submission

For information on how to submit your abstract and the acceptance process please see the conference website:

<http://arup.cvent.com/euroconference>

Abstract deadline: 31st Dec 2012
Acceptance notification: 15th Jan 2013
Paper deadline: 1st Apr 2013

Conference language: English

Keynote Speakers

We are pleased to announce that the following keynote speakers have confirmed their attendance:

Special Guest Speaker:

[Chris Boardman MBE](#)

[Olympic cyclist and developer of the Boardman Bike](#)

Chris has always been at the forefront of technological design and innovation throughout his career. Today, he uses his experience and insight to create the critically acclaimed and Olympic Gold medal-winning range of Boardman Bikes.

LS-DYNA: Livermore Software Technology Corporation, USA

[John O. Hallquist, Founder of LSTC](#)

Automotive: Jaguar Land Rover, UK

[Mark Stanton, Director Vehicle Engineering](#)

In addition to his role as Director of Vehicle Engineering Mr Stanton is also the Executive Champion for all JLR virtual activities and the Executive Champion for the increasingly important Chinese market.

Biomechanics: Daimler AG, Germany

[Christian Mayer, Project Manager,](#)

[Human Body Modelling projects](#)

Since 1999 Mr Mayer has worked in the field of Occupant Protection and Vehicle Safety at Daimler AG. He was involved in the development of APROSYS and is currently involved in the IMVITER and SafeEV projects. Mr Mayer has primary responsibility for all Human Body Modelling activities within Daimler AG.

Metalforming: Gestamp BIW, Sweden

[Dr Martin Jonsson \(h.c\), R&D Manager, Luleå Centre](#)

Since 1990 Mr Jonsson has been leading R&D for the presshardening process and products at Gestamp BIW. He is a board member at both Faste research centre and the Centre for High performance steel at Luleå University of Technology (LTU). Mr Jonsson has also been an Honorary Doctor at LTU since 2011.

Materials: RHODIA Engineering Plastics R&D, France

[Olivier Moulinjeune, Simulation Expert](#)

As Simulation Expert in the Application Development Laboratory, Mr Moulinjeune is contributing to MMI ConfidentDesign®, to improve customer support through application development partnership and enhanced simulation prediction level.

[Cécile Demain, Simulation Expert](#)

As Simulation Engineer in the Application Development Laboratory, Ms Demain is contributing to MMI ConfidentDesign® in the field of explicit simulation.



In Addition

Social Event

Sunday 2nd June 2013

Old Trafford Leisure Tour

Old Trafford, home of Manchester United Football Club, is one of the most iconic stadiums in the sporting world. This unique tour offers visitors the chance to take in the canals of Manchester and the excitement of Old Trafford.

To accommodate differing travel plans we will be offering two options:

The full tour starts at 11am and includes a leisurely boat trip around Manchester's famous canal network and the Salford Quays before reaching Old Trafford.

The short tour kicks off at 12.45pm, taking visitors on a canal boat from Manchester City straight to Old Trafford.

On arrival at the stadium both options detailed above then include the full stadium tour, museum entry and of course, the chance to check out the Old Trafford Megastore!

This social event is included in the delegate fee. Guests can attend for an additional cost - please see the conference website for more information.

To secure your place please ensure you select the social event option when you register. *Please note that places are limited therefore if you sign up but are unable to attend please let us know so that other delegates can use the place.*



Training Courses

Wednesday 5th – Friday 7th June 2013

The exact schedule for the training courses is yet to be decided but a list of provisional and other possible courses is given below. If there are any courses that you are interested in attending during this time please let us know and it will be taken into consideration when putting together the schedule.

Provisional courses:

Blast Modelling with LS-DYNA

Duration: 2 days

Given by: Paul Du Bois and Len Schwer

Penetration Modelling with LS-DYNA

Duration: 1 day

Given by: Paul Du Bois and Len Schwer

Composite Modelling

Duration: 1 or 2 days (TBC)

Given by: Al Tabiei

User Defined Materials in LS-DYNA

Duration: 1 day

Given by: Al Tabiei

Other possible courses:

LS-DYNA Introductory Course

Duration: 3 days

Optimization with LS-OPT

Duration: 2 days

Stochastic Analysis with LS-OPT

Duration: 1 day

Implicit Capabilities of LS-DYNA

Duration: 3 days

Fluid / Structure Interaction in LS-DYNA

Duration: 2 days

Smoothed Particle Hydrodynamics (SPH) in LS-DYNA

Duration: 2 days

Oasys Software (PRIMER, D3PLOT)

(TBC)

Prices for courses will be confirmed once the full schedule has been completed. Please see the conference website for more information:

<http://arup.cvent.com/euroconference>

In association with:



Terms & Conditions

We reserve the right to cancel or postpone the event. In the event of a cancellation we will reimburse all paid fees.