



**8th International Conference
on Multiscale Materials
Modeling**

**9–14 October 2016
Dijon, France**

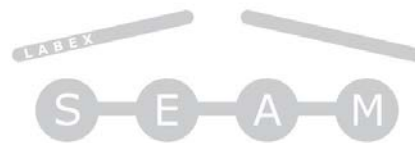


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Sponsors



International advisory committee

- Mikko Alava (Finland)
- Esteban Busso (France)
- Wei Cai (USA)
- Benoit Devincere (France)
- Dennis Dimiduk (USA)
- Weinan E (USA)
- Anter El-Azab (USA)
- Nasr Ghoniem (USA)
- Somnath Ghosh (USA)
- Istvan Groma (Hungary)
- Peter Gumbsch (Germany)
- Zheng Xiao Guo (UK)
- Satoshi Izumi (Japan)
- James Kermode (UK)
- Richard Lesar (USA)
- Ju Li (USA)
- Javier Llorca (Spain)
- Carmen Miguel (Spain)
- Stefan Mueller (Germany)
- Shuji Ogata (Japan)
- Prof. Michael Ortiz (USA)
- Dierk Raabe (Germany)
- Joerg Rottler (Canada)
- Yoji Shibutani (Japan)
- David Srolovitz (USA)
- Erik Van der Giessen (The Netherlands)
- François Willaime (France)
- Chung Ho Woo (Hong Kong)
- Sidney Yip (USA)
- Michael Zaiser (Germany)



Organising committee

- Elisabeth Bouchaud (ESPCI-ParisTech, France)
- Eric Cancès (CERMICS - Ecole des Ponts and INRIA, France)
- Benoit Devincere (Laboratoire d'Etude des Microstructures, CNRS / ONERA, France)
- Olivier Politano (Laboratoire interdisciplinaire Carnot, Univ. Bourgogne, France)
- David Rodney (Institut Lumière Matière, Univ. Claude Bernard Lyon 1, France)
- François Willaime (Département des Matériaux pour le Nucléaire, CEA, France) : Chair

Contacts – Conferences team

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The IOP Conferences team will be on-site for the duration of the event to assist participants with any enquiries and to support the overall running of the event. The conferences team will be at the registration desk located in the foyer of the Palais des Congrès (see opening times on page 7).

If you encounter any problems during the event, please report them to the registration desk as soon as possible. The conferences team will make every effort to rectify the issue as soon as possible.

Disclaimer

The Institute of Physics and the Palais des Congrès accept no responsibility for any accident, loss or damage to participants or their property.

Venue

The 8th International Conference on Multiscale Materials Modeling (MMM 2016) will be held at the Palais des Congrès from 9-14 October 2016.



Palais des Congrès

3 Boulevard de Champagne

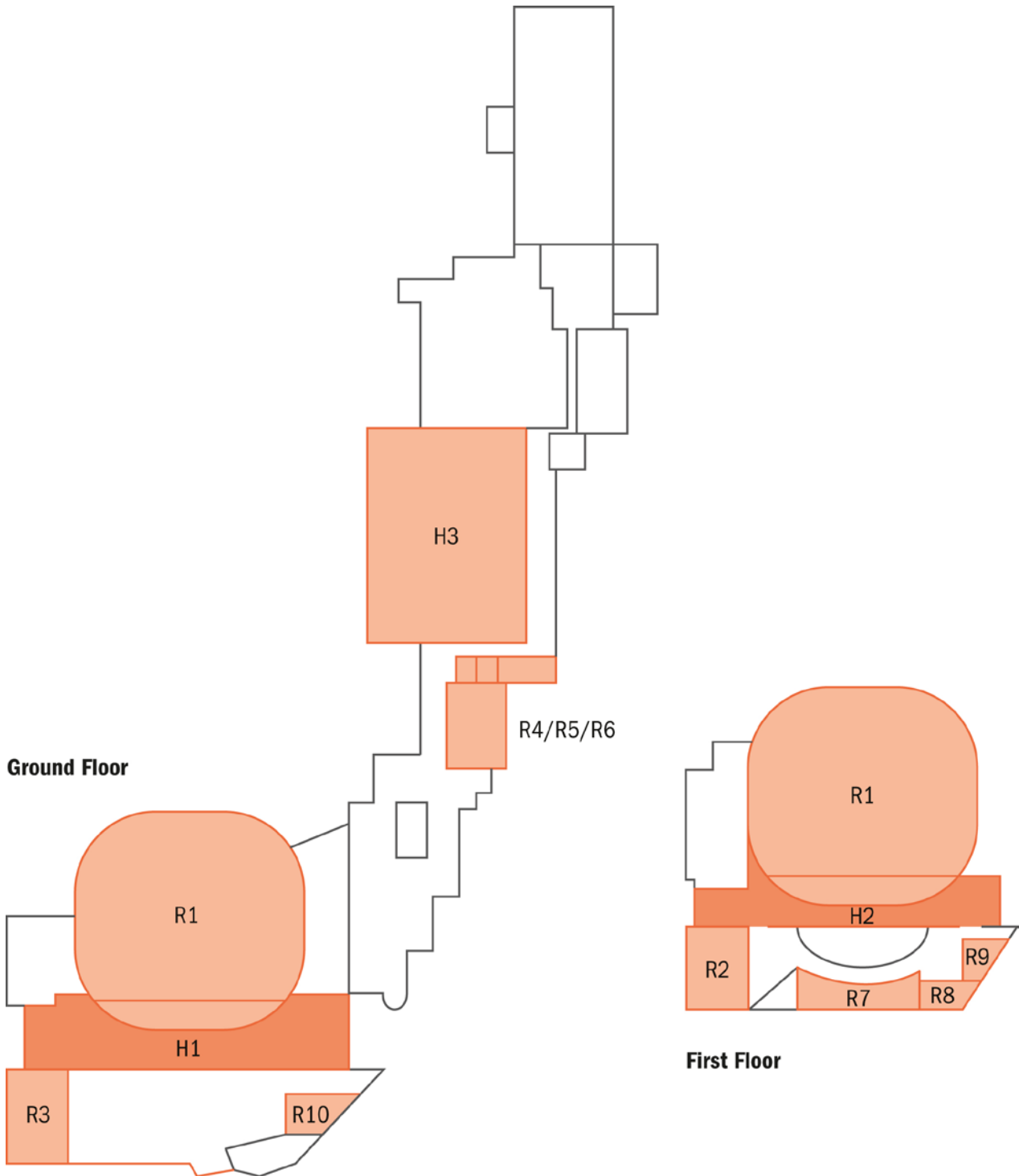
21000 Dijon

France

<http://www.dijon-congrexpo.com/> (French)

<http://www.dijon-congrexpo.com/en/> (English)

Floorplan



Key

R1 – Amphithéâtre Romanée Conti
 R2 – Moray Saint Denis
 R3 – Santenay – Chablis
 R4 – Musigny
 R5 – Pommard
 R6 – Volnay

R7 – Givry+Savigny-les-Beaune
 R8 – Mercurey
 R9 – Saint Romain
 R10 – Monthelie
 H1 – Hall des Grands Echézeaux
 H2 – Foyer Bar
 H3 – Chambertin

Exhibitors

Exhibitors will be located in the Hall des Grands Echézéaux from 9 – 11 October 2016. Please visit the exhibitors during refreshment breaks and the wine and cheese parties.

- IOP Publishing (MSMSE Journal) - <http://iopscience.iop.org/journal/0965-0393>
- Simpleware - <https://www.simpleware.com/>

Travel

Once in Dijon, the most convenient way to travel around the city is by tramway or bus. Tram operates every 5 to 7 minutes, from 7am to 7pm, with 2 lines (and every quarter hour up to midnight). From Dijon train station to the conference centre (Palais des Congrès / Dijon Congrexpo), please take a tram (T1) to Quetigny and alight at the Auditorium stop.

More information on Public Transport in Dijon and the surrounding area visit www.divia.fr and www.letram-dijon.fr.

By air

The most convenient way to reach the conference venue is to fly to Paris (PAR) or Lyon-Saint Exupéry (LYS) and then take the train to Dijon. Paris has two major airports serving international flights: Orly (ORL) and Roissy Charles de Gaulle (CDG). Participants can also travel to Geneva (GVA) (260km – 2hrs 45mins by road), Basel (260km – 2hrs 45mins by road), Zurich, Frankfurt or London and then travel to Dijon by train or rent a car.

By train

Dijon is only a few hours travel by train from the following cities.

- Paris Gare de Lyon station : 1 hour 40 mins
- Paris Aéroport CDG : 1 hour 45 mins
- Lyon : 1 hour 40 mins
- Basel : 1 hour 25 mins
- Lausanne 2 hours
- Zurich : 2 hours 25 mins
- Brussels : 3 hours 45 mins
- London : 5 hours

For more information, visit www.voyages-sncf.com.



NOTICE: Due to construction works on the railway, the number of trains between Paris and Dijon will be reduced throughout the afternoon of Saturday 8 October and morning of Sunday 9 October.

By car

To access the Exhibition and Convention Centre, follow the signs for **CENTRE CLEMENCEAU**

Dijon is only a few hours' drive from the following cities:

- Lyon : 200 km - 2 hours (by A6)
- Paris : 310 km - 3 hours (by A6)
- Strasbourg : 330 km - 3 hours (by A36,36 then A39)
- Marseille : 500 km - 4 hours 40 minutes (by A7 then A31)

From Switzerland:

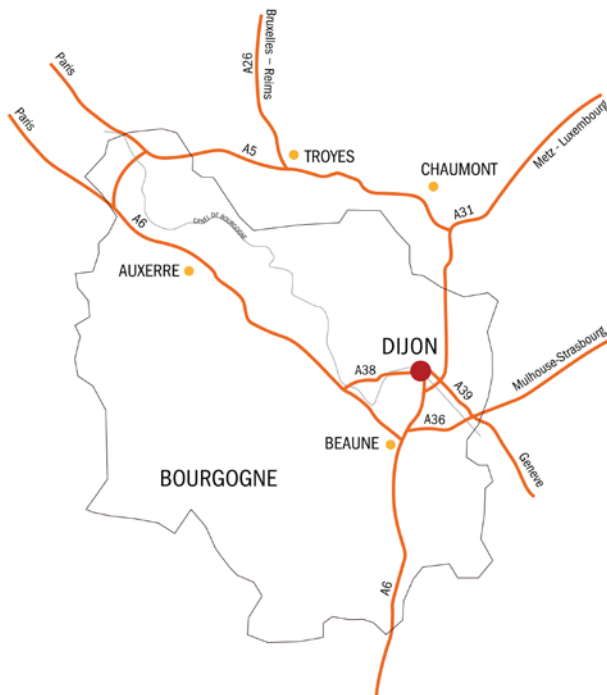
- Genève : 200 km - 2 hours 30 minutes (by A1 then A39)
- Lausanne : 220 km - 2 hours 30 minutes (by A1 then A36)

From Luxembourg:

- Luxembourg : 330 km - 33 hours (by A3 and A 31)

From Belgium:

- Brussels : 540 km - 5 hours (by A4, A3 then A31)



Parking

There are several parking facilities in the center of the city. The Centre Clemenceau is located approximately 100 metres from the convention centre.

Taxis

Once in Dijon, please telephone +33 3 80 41 41 12 for a taxi - see <http://www.taxis-dijon.fr>

Accommodation

The organising committee has negotiated preferential rates at a number of hotels. For more information, visit the website at <http://mmm2016.iop.org/accommodation>



Registration

On arrival at the Palais des Congrès you will need to collect your welcome pack from the registration desk located in the foyer, which includes a pen and pad, a copy of the conference programme, an invoice, tickets for the excursions, conference dinner and lunch on Friday (if booked), and general conference information.

You will also receive a badge which you must wear at all times to help with security and to enable you to identify fellow participants.

Security located at the entrance to the Palais des Congrès will be conducting bag checks. You should therefore leave sufficient time to get through security and collect your material.

The registration desk will be staffed by the conferences team during the following times.

Date	Opening hours
Sunday 9 October	16:00-21:00
Monday 10 October	08:00-21:00
Tuesday 11 October	08:00-21:00
Wednesday 12 October	08:00-16:30
Thursday 13 October	08:00-19:00
Friday 14 October	08:00-14:00

Internet access (wi-fi)

Internet access is available throughout the congress centre.

Identification: mmm
 Password: Co8U8w6y

Catering

The registration fee includes refreshments, lunches on Monday, Tuesday, Wednesday and Thursday, the welcome reception on Sunday 9 October and the wine and cheese parties on Monday 10 and Tuesday 11 October. The fee does not include the conference dinner, which will take place on Thursday 13 October at the Château de Marsannay or lunch on Friday. Tickets for the conference dinner and lunch on Friday must be pre-booked, and will be included in your welcome pack.

Date	Event	Time	Location
Sunday 9 October	Welcome reception	18:00-20:00	Grands Echézéaux Hall
Monday 10 October	Coffee break	10:20-10:50	Foyer Bar and Hall D'Accueil
	Lunch	12:20-13:50	Chambertin
	Coffee break	15:40-16:10	Foyer Bar and Hall D'Accueil
	Wine and Cheese Party	18:10-20:00	Grands Echézéaux Hall
Tuesday 11 October	Coffee break	10:20-10:50	Foyer Bar and Hall D'Accueil
	Lunch	12:20-13:50	Chambertin
	Coffee break	15:40-16:10	Foyer Bar and Hall D'Accueil
	Wine and Cheese Party	18:10-20:00	Grands Echézéaux Hall
Wednesday 12 October	Coffee break	10:20-10:50	Foyer Bar and Hall D'Accueil
	Lunch	12:40-14:00	Chambertin
Thursday 13 October	Coffee break	10:20-10:50	Foyer Bar and Hall D'Accueil
	Lunch	12:20-13:50	Foyer Bar and Hall D'Accueil
	Coffee break	15:40-16:10	Chambertin



	Conference dinner	19:00-23:00	Château de Marsannay
Friday 14 October	Coffee break	10:00-10:30	Foyer Bar and Hall D'Accueil
	Lunch	12:20-14:00	Chambertin

Participants with dietary requirements are asked to notify the conference office by email prior to their arrival. It will not be possible to provide an alternative menu unless prior notification has been received. Please email claire.garland@iop.org if you have any queries.

Programme

The programme is available to download from <http://mmm2016.iop.org/programmeoverview>. A printed copy of the programme will be included in your welcome pack.

Sunday October 9th, 2016

16:00	20:00	Registration
18:00	20:00	Welcome reception

Monday October 10th, 2016

08:00	08:30	Registration
08:30	10:20	Opening Plenary lectures 1 and 2
10:20	10:50	Coffee break
10:50	12:20	Parallel session 1
12:20	13:50	Lunch
13:50	15:40	Parallel session 2
15:40	16:10	Coffee break
16:10	17:40	Parallel session 3
17:40	18:10	Flash poster presentation
18:10	20:00	Exhibitor and poster session 1 Wine and cheese party

Tuesday October 11th, 2016

08:00	08:30	Registration
08:30	10:20	Opening Plenary lectures 3 and 4
10:20	10:50	Coffee break
10:50	12:20	Parallel session 4
12:20	13:50	Lunch
13:50	15:40	Parallel session 5
15:40	16:10	Coffee break
16:10	17:40	Parallel session 6
17:40	18:10	Flash poster presentation
18:10	20:00	Exhibitor and poster session 2 Wine and cheese party

Wednesday October 12th, 2016

08:30	10:20	Parallel session 7
10:20	10:50	Coffee break
10:50	12:40	Plenary lectures 5 and 6
12:40	14:00	Lunch
14:00	19:00	Excursions to Beaune or Dijon

Thursday October 13th, 2016

08:30	10:20	Opening Plenary lectures 7 and 8
10:20	10:50	Coffee break
10:50	12:20	Parallel session 8
12:20	13:50	Lunch
13:50	15:40	Parallel session 9
15:40	16:10	Coffee break
16:10	18:00	Parallel session 10
19:00	23:00	Conference dinner at the Château de Marsannay

Friday October 14th, 2016

08:30	10:00	Parallel session 11
10:00	10:30	Coffee break
10:30	12:20	Plenary lectures 9 and 10
12:20	14:00	Lunch (pre-booked only)
14:00		End of conference



Poster competition

All students and post-doc's can be considered for one of eight MMM poster prizes. All eligible posters will have a red dot displayed on the poster board number.

Image competition

The images will be on display in the 'Foyer bar'. Participants are asked to nominate their favorite image by completing a nomination form which will be included in your delegate pack. Please return your nomination form by 14:00 on Wednesday 12 October to the registration desk or place in the ballot box located next to the images.

Social programme

Sunday 9 October

A welcome reception will be held at 18:00-20:00 in the Grands Echézeaux Hall. The welcome reception is included in the registration fee and all participants are invited to attend.

Monday 10 October

A wine and cheese party will be held at 18:10-20:00 in the Grands Echézeaux Hall. This reception is included in the registration fee and all participants are invited to attend.

Tuesday 11 October

A wine and cheese party will be held at 18:10-20:00 in the Grands Echézeaux Hall. This reception is included in the registration fee and all participants are invited to attend.

Thursday 13 October



The conference dinner will take place on Thursday October 13th at the **Château de Marsannay** located to the south of Dijon, at the start of the Route des Grands Crus wine trail, and considered by many as one of the Côte-d'Or's most picturesque wine estates.

After a welcome drink, with a view onto the vineyards, and a tour of the wine cellar, you'll enjoy dinner in the warm and prestigious setting of the reception room. You'll also have the opportunity to taste and purchase the wines of Marsannay.

Return transfers by bus will be provided between the conference centre and Château de Marsannay. Busses will depart outside the Palais des Congrès at 19:00.

The dinner is not included in the registration fee and must be pre-booked. Tickets for those that have booked the dinner will be included in your welcome pack.



Excursions

Excursions will take place on the afternoon of Wednesday October, 12th. Tickets will be included in the welcome packs for those that have pre-booked the tours.

Beaune – 14:00-19:00

Includes 1 hour guided tour (in English) from 15:00 to 16:00 and 2 hours free sightseeing to enjoy the city. Additional visits (eg Cave Patriarche, Musée de l'Hôtel-Dieu) can be booked online (<http://www.beaune-tourism.com/>).

Discover the rich history of Beaune and visit its historic heart. Let your guide introduce you to its historical highlights, great and small. From its Roman origins to the golden age of the Dukes of Burgundy, this medieval town is also the Capital of Burgundy Wines.

From the conference centre to Beaune (45km) the bus will go via the famous Route des Grands Crus.

Buses will depart from outside the Palais des Congrès at 14:00. This excursion is not included within the registration fee and must be pre-booked; tickets will be included in your conference pack.

Dijon – from 14:00

Our guide will lead you into the heart of Historical Dijon, from the Palace and the old town houses via the area around Notre-Dame and through the medieval streets. This is a great opportunity to admire the rich and elegant town houses, bearing testimony to the town's illustrious heritage.

Guides will depart at 14:00 for a walking tour from Place de la République, next to the tram stop (line 1).

Accompanying persons programme

The accompanying person programme includes the welcome reception on Sunday, wine and cheese parties on Monday and Tuesday evenings, visit to Beaune or Dijon on Wednesday afternoon and the gala dinner on Thursday evening. Tickets will be included in the registered delegates pack.

Information for presenters

Oral presentations

The lecture theatres are equipped with the following audio-visual equipment:

- Data Projector
- Screen
- Switch with VGA cables
- Laptops

Speakers are requested to bring their presentation on a USB memory stick in either Office 2010 PowerPoint or .pdf format and preload it onto the PC/laptop located in the lecture theatre. Speakers should save their presentation into the appropriate pre-named session folders pre-set on the desktop and files should be saved by speakers surname and initial.

To optimise compatibility, particularly for the inclusion of multimedia components, speakers should include the original files so that it can be re-embedded if necessary. Direct connection of personal laptops (with set up in the break prior to the corresponding session) is an acceptable, but not preferred alternative. Speakers using a PC with HDMI output or a Mac should ensure that they bring the correct connection cable (VGA) with them.

Presenters are asked to prepare their talks to match the allocated times which will be rigidly enforced.



Poster presentations

Posters will be on display in the Grands Echézeaux Hall with two dedicated poster sessions as scheduled in the programme.

Please note that during poster sessions, authors should stand close to their boards to answer questions and facilitate discussions on their work. If you are presenting a poster please ensure that you display your poster on the board number that matches your poster number in the programme.

Poster boards are 0.95m (width) x 2.40m (height) so posters should be no larger than A0 in size and formatted in a portrait design. If your poster does not fit within these dimensions, we cannot guarantee it will be displayed. Fixing material will be supplied.

- Poster session 1 presenters can mount their posters from 10:30 on Monday, October 10 and must remove them by 10:20 on Tuesday, October 11.
- Poster session 2 presenters can mount their posters from 12:20 on Tuesday, October 11 and must remove them by 14:00 on Wednesday, October 12

General information

Dress code

The dress code for the conference is smart casual.

Cloakroom

All items should be placed in the cloakroom, please do not leave unattended items around the congress centre. A cloakroom is located at the entrance to the Palais des Congrès. Items are left at the owner's risk.

General information

- The currency in France is EUROS (€) - see www.xe.com for currency converters.
- Value Added Tax (VAT) - is charged on all purchases currently at a rate of 20%.
- Electricity - Electrical sockets in France are one of two European standard socket types: The "Type C" Europlug and the "Type E" and "Type F" Schuko. The standard voltage is 230 V. The standard frequency is 50 Hz.
- Time Zone: France uses **Central European Time** (heure d'Europe centrale, HEC: UTC+01:00) and **Central European Summer Time** (heure d'été d'Europe centrale: UTC+02:00).
- The country code in France is 33. To call abroad, dial 00 before the area code.
- Emergencies - Visitors should be aware of their personal safety. In an emergency, the police, fire or ambulance services can be reached from any phone by dialling 112.
- The closest ATM machine is located 300 m from Palais des Congrès (Address = 15 Boulevard de la Marne, 21000 Dijon).

Health and safety

First aid

A fire officer will be on hand throughout the conference to provide first aid and can be contacted 03 80 77 39 56. Please report any incidents to the registration desk.



Safety and emergency evacuation procedures

In the event of a fire, an alarm (voice activated) will sound. All participants must evacuate the building immediately and assemble outside. Fire exits are clearly marked. Participants must not enter the building until instructed to do so by a fire officer or venue personnel. There are no planned test drills during the conference.

Smoking

In accordance with government legislation smoking is not permitted in any building, temporary enclosed structure or substantially enclosed space outside of buildings.

Payment

The organiser reserves the right to refuse admission to any participant who has failed to pay their registration fee prior to the event. Our payment terms are strictly 30 days.

Institute of Physics

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www.iop.org/conferences

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