

lmc

2nd circular

8th liquid matter conference



September 6-10, 2011, Wien, Austria

<http://lmc2011.univie.ac.at>

lmc8 is jointly organized by



European
Physical
Society

Liquids Section of the
Condensed Matter Division



TECHNISCHE
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general information

The eighth Liquid Matter Conference will take place in 2011 at the Universität Wien in Wien, Austria. Previous conferences were held in Lyon (1990), Firenze (1993), Norwich (1996), Granada (1999), Konstanz (2002), Utrecht (2005), and Lund (2008). The conference will be organized jointly by the Liquids Section of the Condensed Matter Division of the European Physical Society, the Universität Wien, and the Technische Universität Wien.

The conference will start on Tuesday, September 6, 2011, in the morning and finish on Saturday, September 10, in the early afternoon. The aim of the conference is to bring together scientists working on the liquid state of matter and on closely related topics, such as soft matter and biophysics. Thus the rapidly growing field covered by this conference series includes the physics, chemistry, biology, and chemical engineering of liquid matter as well as several areas of applied research.

The conference will consist of plenary lectures, topical symposia with keynote lectures and contributed oral presentations, as well as poster sessions. The highlights of the conference will be published in a special issue of the Journal of Physics: Condensed Matter.

symposia topics and keynote speakers

1. ionic and quantum liquids, liquid metals

M. Wilson (Oxford)
A. Meyer (Köln)

2. water, solutions and reaction dynamics

F. Caupin (Paris)
D.E. Manolopoulos (Oxford)

3. liquid crystals

C. Tschierske (Halle)
L.M. Blinov (Moscow)
R.D. Kamien (Philadelphia)

4. *polymers, polyelectrolytes, biopolymers*

C. Pierleoni (L' Aquila)
A.Y. Grosberg (Minneapolis)
D. Richter (Jülich)

5. *colloids*

W.K. Kegel (Utrecht)
U. Gasser (Villingen)
P. Zihlerl (Ljubliana)

6. *films, foams, surfactants, emulsions, aerosols*

T.G. Mason (Los Angeles)
S. Roke (Stuttgart)
P. Wagner (Wien)

7. *confined fluids, interfacial phenomena*

G. Galli (Davis)
O. Paris (Leoben)
O. Orwar (Göteborg)

8. *supercooled liquids, glasses, gels*

R.J. Hemley (Washington)
P. Poole (Nova Scotia)
S. Chong (Okazaki)

9. *non-equilibrium systems, rheology, nanofluidics*

P.D. Olmsted (Leeds)
J. Vermant (Leuven)

10. *biofluids, active matter*

W. Poon (Edinburgh)
F.C. MacKintosh (Amsterdam)

plenary speakers

M.E. Cates (Edinburgh)
S.C. Glotzer (Ann Arbor)
R.E. Goldstein (Cambridge)
K. Kremer (Mainz)
I. Mušević (Ljubljana)
S.R. Nagel (Chicago)
E.T.J. Nibbering (Berlin)
R. Piazza (Milano)
D. Quéré (Paris)
P. Tarazona (Madrid)

liquid matter prize

The Liquid Matter Prize 2011 of the European Physical Society, awarded for outstanding contributions to the science of liquid matter, goes to David Chandler, University of California at Berkeley. Previous prize winners were J.-P. Hansen (2005) and H.N.W. Lekkerkerker and P.N. Pusey (2008). David Chandler, recognized as one of the leading liquid matter theorists world-wide, will receive the Prize “for seminal works that have enhanced our understanding of the molecular nature of liquid matter, including highly original and influential theories of microscopic structure, chemical equilibrium and kinetics, quantum processes in fluids, hydrophobicity and vitrification”. The Liquid Matter Prize will be conferred to David Chandler on the occasion of the 8th Liquid Matter Conference, where he will also deliver a lecture on his prize-winning work.

call for papers

We invite you to submit contributions to any of the ten symposia subject areas. The International Program Committee decides on the acceptance of contributions and will select oral contributions for the different topics. Authors who prefer an oral presentation should state this explicitly when submitting the abstract. Contributions must be submitted through the conference webpage.

The deadline for abstract submission is April 15, 2011, notification about the acceptance of contributions will be sent out by May 31, 2011.

Technical details for the oral and the poster presentations will be available on the webpage.

call for papers (continued)

Abstracts of the plenary, keynote, and contributed talks will be reproduced in an abstract booklet, which will be available at the beginning of the conference. Reproduction of the abstracts is guaranteed if at least one of the authors has registered for the conference by June 20th.

registration and fees

Registration can only be realized via the conference webpage. Please note the payment and cancellation regulations for the registration fee, summarized on the webpage.

	before June 20, 2011	after June 20, 2011
<i>regular</i>	450€	500€
<i>student</i>	325€	325€
<i>EPS member</i>	425€	475€

Registration fee includes the admission to all scientific sessions, the conference materials (book of abstracts, proceedings), coffee breaks, lunch packages, and the welcome reception.

Registration at the conference site will start on Monday, September 5, 2011, at 15:00 in the entrance area of the Universität Wien, Dr. Karl-Lueger-Ring 1, Wien.

venue

Wien is located in the very heart of Europe. Ever since the time of the Roman Empire the city has been a crossing point between north and south, east and west and a central stage for European history, culture and science.

The Austrian capital is undoubtedly one of the most attractive cities in the world; its unique architecture and broad spectrum of cultural activities are magnets for countless tourists from all over the world.

The conference will take place at the Universität Wien, founded in 1365 by Rudolf IV as one of the first European universities. Situated on the magnificent Ringstraße surrounding the historic center, the University is within walking distance of most of the famous sites, including St. Stephen's Cathedral, the famous museums, the Opera, and the Emperor's Palace. Cafés and widespread parks in the vicinity of the city center as well as the Wienerwald and the Danube offer excellent comfort, leisure, and recreation facilities.



international program committee

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E. Schöll-Paschinger (Wien)
G. Schütz (Linz/Wien)
F.J. Vesely (Wien)



proceedings

A special issue of the Journal of Physics: Condensed Matter will appear containing plenary and keynote lectures, as well as oral contributions. A paper copy of this issue will be sent, free of charge, to all registered participants. Deadline for receipt of manuscripts will be September 30, 2011. In order to ensure timely publication, manuscripts received after this date will most likely not be accepted.

exhibition

An exhibition of scientific instrumentation, hard- and software as well as scientific books will be located near the lecture halls.

social program

The Welcome Reception will take place on Monday, September 5, 2011, from 6 p.m. to 9 p.m. in the Arkadenhof of the Universität Wien (i.e., close to the registration area).

A Conference Dinner will be held on September 7, 2011, at 7 p.m. in the the Festsaal of the City Hall, which is located within 5 minutes walking distance from the Universität Wien.

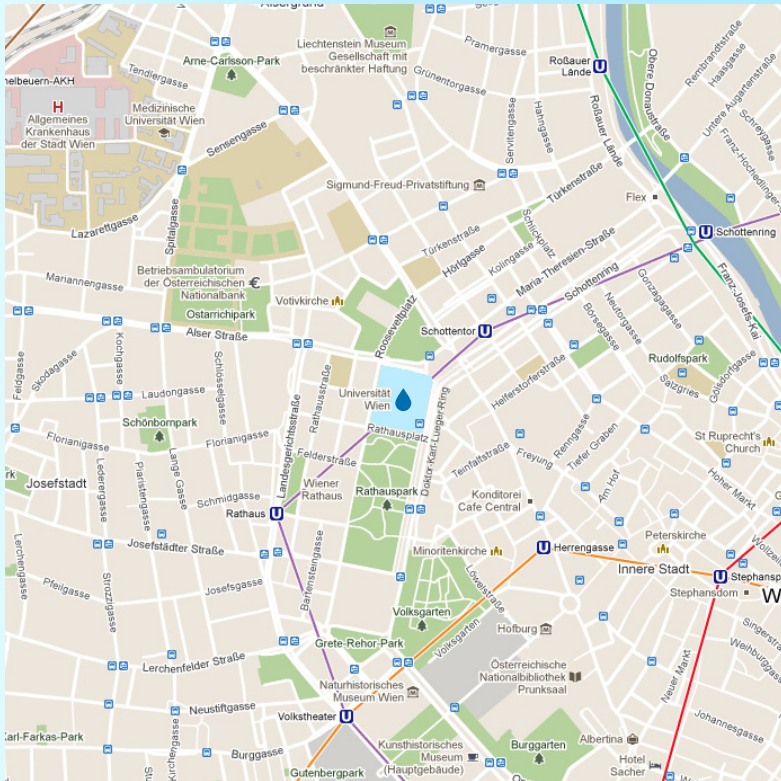
travel information and accommodation

Wien is well connected by train or airplane with all major European cities and offers flight connections to most overseas destinations (for further details see the webpage). We point out that Wien has a very efficient public transport system.

Hotel reservations can be made via the webpage.

The weather in September is often sunny and rather mild, with frequent, moderate westerly winds. Temperatures are usually above 20°C during the day, while mornings and evenings might already be a bit chilly. However, rain cannot be excluded.

Participants are recommended to check with their travel agent or with an Austrian Embassy or Consulate for visa regulations at least four months prior to travelling.



💧 *liquid matter conference*

webpage and contact email

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