

TWELFTH INTERNATIONAL CONFERENCE ON LIQUID AND AMORPHOUS METALS

LAM12

METZ



(Photo of the Metz Cathedral by Christian Legay)

**July 11-17
2004**

**Université de Metz
France**

First Circular

CONFERENCE ORGANIZATION

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SCOPE OF CONFERENCE

The 12th International Conference on Liquid and Amorphous Metals (LAM12) will be held at Metz University in France, July 11-17 2004. The conference aims to provide the community of scientists who are interested in liquid and amorphous metals with an up to date survey of progress in the field. The first conference was held as LM-1 in 1966 at Brookhaven for the basic understanding of liquid metals. Succeeding LM conferences were held in Tokyo (1972) and Bristol (1976). The conference was renewed in Grenoble (1980) as a LAM conference including amorphous metals and continued in Los Angeles (1983), Garmisch-Partenkirchen (1986), Kyoto (1989), Vienna (1992), Chicago (1995), Dortmund (1998) and Yokohama (2001). The conference is devoted to liquid and amorphous metals. However, traditionally communications on some non-metallic systems such as semi conductors, molten salts, non-metals in metals, etc, will be accepted.

The conference includes the following topics:

- Structure.
- Dynamics.
- Atomic transport, diffusion phenomena.
- Microstructure – heterogeneities.
- Modelling, simulations.
- Electronic structure and transport.
- Thermodynamics.
- Surface and interfacial properties.
- Magnetic properties.
- Mechanical properties.
- Solidification.
- Glass transition.
- Metal-non metal transition.
- Is there icosahedral order in liquids?
- Amorphous/quasicrystals relationships.
- Exotic phenomena.
- Experiments performed in space.
- Industrial applications.

CONFERENCE LOCATION

The conference will be held at the Saulcy Campus of Metz University which is ten minutes on foot from the town center. Metz is situated near the frontier with Germany, Luxembourg and Belgium in the north-eastern part of France - 60 km from Nancy (to the south), 60 km from Saarbrücken (Germany to the north east), 60 km from Luxembourg (Luxembourg country to the north), 160 km from Strasbourg (to the east), 160 km from Liège (Belgium to the north west) and 300 km from Paris (to the west).

Metz is a three thousand years old historical city with 250 000 inhabitants. It is located in the "Région Lorraine", at the crossing between Champagne, Bourgogne and Alsace.

Additional information on the city can be found in different languages from: <http://www.mairie-metz.fr:8080/>

CONFERENCE DETAILS

Registration fee: 300 € per participant.
(350 € after may 15, 2004.)
180 € per student participant.
(230 € after may 15, 2004.)

Official Language: English
Start of 1st session: July 12, morning.
End of last session: July 17, noon.
Excursion day: July 14.
Accommodation: in hotels and less expensive student rooms.

SCHEDULE

December 2003 Preliminary Registration

January 2004 2nd Circular
<http://lam12.sciences.univ-metz.fr/>
Call for Papers
<http://www.mines.inpl-nancy.fr/~lam12/>

March 01, 2004 Abstract due
March 31, 2004 Authors notified
May 15, 2004 Registration deadline
July 11, 2004 Manuscript deadline

CORRESPONDENCE AND INFORMATION

General:

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Publication

(Abstracts, manuscripts and proceedings):

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PREREGISTRATION FORM

LAM12 July 11 - 17 , 2004 METZ FRANCE

Name: Prof./Dr./Mr./Ms.

(Last) (First) (Middle)

Institution: _____

Address: _____

Post Code: _____

Country: _____

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[] I plan to attend the LAM12 Conference. Please
send me the 2nd Circular.

[] I plan to submit a/several paper(s) on the subject(s):

I prefer an oral presentation []
I prefer a poster presentation []
No preference []