

About LMR EA 2640

The LMR laboratory was set up in 1990 and is recognized as an "Equipe d'Accueil" EA 2640 at the University François Rabelais de Tours since 1998. It represents about 30 persons. LMR is particularly dedicated to the "characterization of materials and dynamics of structures". The staff covers a wide spectrum of scientific and engineering disciplines, which can be broken down as follows: Mechanical behavior of bulk materials (metals and polymers) and surfaces – modeling. Study and resolution of mechanical problems coupled and multi physics phenomena, thermo mechanics, Adhesion, Rheology, Resolution algorithms, Grid Computing, Tribology, Corrosion, Fatigue of materials, Multi scales approaches (involving micro structural evolutions), Damage Mechanisms. This laboratory has created two applied research centers (CEROC and CERMEL) thanks to their industrial partners and the local and territorial administration.

About Tours

The City of Tours is an important crossroads in central France, located at the heart of a European communication network. The TGV high speed train puts Tours at only 55 minutes from the centre of Paris, and allows direct connections to all the major airports. It's the chief town of the Loire Valley considered as the garden of France. With more than 360,000 residents (with the suburbs), Tours is renowned for its wines and for the perfection of its local spoken French and its "art de vivre". Tours is also famous for its original medieval district, called "le Vieux Tours" and attracts many tourists with the famous royal castles around. Today, Tours is a modern, lively and dynamic city; with a thriving university, cultivating economic development, still young at heart with many cultural and sports activities.



Abstract & Paper submission

Please submit an extended abstract of 2 pages reporting research motivations, methods and results by May 31st, 2015. The authors will be informed about the status of their papers by September 30th, 2015. All received manuscripts will be reviewed by the scientific committee. Accepted papers will be published in the international journals "Rubber Chemistry and Technology" and "KGK-Kautschuk Gummi Kunststoffe". (Guidelines for writing abstracts and manuscripts are available at the conference website).

Dates and Deadlines

Abstract submission:	September 8 th , 2015
Abstract acceptance:	September 30 th , 2015
Conference early registration:	October 21 st , 2015
Manuscript submission:	November 30 th , 2015
Conference date:	November 3 rd -5 th , 2015

Conference Fee*

	Early**	Regular
Regular	500€	550€
Student	200€	250€

* Conference Fee includes the participation to the sessions, proceedings, lunches, conference dinner and coffee breaks.

** Early conference Fee applies for registration by September 15th, 2015

Contact

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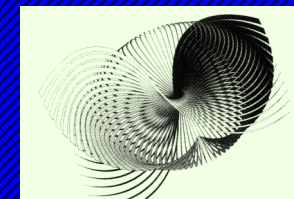
Elastomers 2015

"Elastomery - nauka i przemysł"

16 Międzynarodowa Konferencja Naukowo-Techniczna

Autumn 2015

Tours, France



16th Conference on

ELASTOMERS

*Elaboration, Characterisation,
Recycling and Durability*

November 3rd – 5th, 2015 - Tours, France

Organised by:

University François Rabelais of Tours, France

Laboratory of Mechanics and Rheology (LMR)

Lodz University of Technology, Poland

Institute for Engineering of Polymer Materials & Dyes (IMPiB)



Conference Scope

Elastomers, both natural and synthetic are being used more and more in key industries, like automobile, aircraft, type industries, domestic and medical applications and next electronic applications.

The technology involved in the elaboration of elastomers are going through substantial changes as regards to environmental considerations, the availability of raw materials and sustainable development requirements. Moreover the stringent demands in material performances call for the sophisticated testing and analysis of test results.

The present conference, held for the first time in France, follows the series of conferences held in Poland every two years since 1985. The chairmen of the conference are Pr. M. Ranganathan and Pr. D. Bielinski

Conference Topics

- Physics, chemistry and modification of elastomers
- Raw materials used in rubber technology
- Life cycle and durability of rubber.
- Recycling and valorization of rubber waste
- Elastomer composites and their properties
- Dynamic properties and fatigue of rubber
- Modeling aspects
- Compounding and processing
- Testing of raw materials and rubber products
- Testing equipment and machinery

Local Organising Committee

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Scientific Committee

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D. Bielinski, Lodz University of Technology / IMPIB, Poland
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A. Blume, University of Twente, NL/Degussa, Germany
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