



**May 28-June 1, 2012, Riga, Latvia**

**For further information and correspondence please contact:**

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**Please see the Conference website for more details:**

**<http://www.pmi.lu.lv/html/ConfInf.htm>**

**THE CONFERENCE VENUE** is the hotel *LIELUPE* in the resort town Jurmala, a narrow strip of land between the Riga Gulf and the Lielupe river. The venue is located 20 km from the centre of Riga, 15 km from the central airport, as well as 500 m from the railway station Bulduri and 200 m from the sandy beach.

#### **VISA REQUIREMENTS**

On 21 December 2007 Latvia acceded to the Schengen Agreement. It is advisable that participants, who need a visa, apply for it at the closest Latvian Embassy or Consulate prior to the travel. We can help by forming an Official Invitation needed for receiving a visa. Please see website of Ministry of Foreign Affairs of Latvia:  
<http://www.am.gov.lv/en/service/visas>  
for more information.

#### **ACCOMMODATION**

The participants are generally supposed to accommodate at the Conference location, the Lielupe Hotel\*\*\* with a VIP-floor\*\*\*\*. It is also possible to accommodate in Riga at the Radisson Blu Daugava Hotel\*\*\*\*\* or Radisson Blu Hotel Latvija\*\*\*\*\* or Konventa Seta\*\*\* or others. Please see website <http://www.hotel.lv> for more details.

#### **REGISTRATION FEES**

Before March 1, 2012 — 400 EUR.  
After March 1, 2012 — 450 EUR.  
On site — 550 EUR.

Students (a copy of valid certificate should be send together with payment) and accompanying persons — 200 EUR.

The registration fee includes the book and CD of conference abstracts, coffee breaks, reception, lunches, and conference dinner.

In case of nonappearance, please, inform us before April 15, 2012. After that date, only 100 EUR of the registration fee will be returned.



2nd Announcement

## **XVII INTERNATIONAL CONFERENCE ON MECHANICS OF COMPOSITE MATERIALS**

**May 28-June 1, 2012  
Riga, Latvia**

#### **ORGANIZED AND SPONSORED BY**



Institute of Polymer Mechanics



University of Latvia

Latvian Academy of Sciences



Latvian Council of Science

Latvian National Committee for  
Mechanics



Riga Technical University



Journal *Mechanics  
of Composite Materials*



**CENTRE COMPOSITE**  
JOINT VENTURE OF LNK GROUP AND PROGRESSTECH

## SCIENTIFIC PROGRAMME COMMITTEE

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### VICE CHAIRMEN:

**E. Plūme**, Institute of Polymer Mechanics,  
University of Latvia, Latvia

**J. Jansons**, Institute of Polymer Mechanics,  
University of Latvia, Latvia

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J. Andersons, K. Aniskevich, M. Auziņš, J. Brauns, A. Čate,  
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L. Pāže, K. Rocēns, V. Štrauss, V. Valdmanis, J. Vība

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## GENERAL PROGRAMME SCHEDULE

May 28 — registration, welcome reception  
May 29 — the Conference opening, oral sessions  
May 30 — oral sessions, poster session  
May 31 — oral sessions, conference dinner  
June 1 — oral sessions, the Conference closure

**THE CONFERENCE PROGRAMME** will be published  
on the Conference website and e-mailed before the  
Conference.

**THE CONFERENCE LANGUAGE** will be English.

## CONFERENCE THEMES

### 1. Structure and Properties of Constituents

Properties of polymeric, metallic, and ceramic matrices  
Properties of fillers, nanoparticles, and organic and natural  
reinforcing fibers;

Role of interface, measurements, and optimization

### 2. Time- and Environment-Dependent Properties and Durability

Long-term properties, creep, and aging  
Environmental effects  
Prediction of long-term deformations

### 3. Strength, Fracture, Damage, and Fatigue

Interaction and sequence of inter- and intralaminar damage  
and failure in composites  
Measurements of fracture toughness  
Delamination of laminates  
Fatigue under complex loading histories  
Prediction of fatigue lifetime and accelerated tests

### 4. Structures

Methods of optimization of composite structures  
Sandwich structural and joint design  
Intelligent systems  
Active and passive control systems  
Damage monitoring in structures and seismic design

### 5. Mechanical Aspects of Technology

Resin infusion processes  
Flow of nonlinear polymer melts in porous media  
Recycling of advanced composites

### 6. Composites in Civil Engineering and Infrastructure

Fiber-reinforced plastics for concrete structures  
Polymer composites for renovation of structures  
Polymers in concrete

### 7. Biomechanics

Mechanics of biological tissues  
Mechanics of prosthesis of biological organs

### 8. Composite Materials Application in Aeronautics and Space

Properties of composite materials  
Finite element modeling (FEM)  
Production and maintenance aspects

**A BOOK OF ABSTRACTS AND CD** (in English) will be  
available at the Conference opening.

**FULL PAPERS** may be submitted in English or Russian, and  
after proper reviewing they will be published in the journal  
*Mechanics of Composite Materials*.

**THE CONFERENCE HALL** is well provided for  
PowerPoint presentations, and stands of A1 format portrait  
orientation (594×841 mm) for posters and exhibits will be  
available.

Please see the Conference website for more details including the  
information about the previous conference MCM

<http://www.pmi.lv/html/ConfInf.htm>

**MAIL OR FAX TO THE ADDRESS GIVEN  
ON THE OTHER SIDE**

## REGISTRATION FORM

(please type or write in block letters)

Title/name \_\_\_\_\_

Organization (attach your namecard if available) \_\_\_\_\_

Mailing address \_\_\_\_\_

Tel.: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

## METHOD OF PAYMENT

Bank transfer to  
BANK "SEB BANKA" OF LATVIA, Riga, Latvia  
Bank Code SWIFT: UNLALV2X  
Account No. LV02UNLA0050000846849 (EUR)  
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for Institute of Polymer Mechanics

Please charge from my credit card \_\_\_\_\_ EUR

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