

## Partners



*We look forward welcoming you to the first NATEX workshop in a professional and expert environment*

## Contact

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# NATEX

Natural Aligned Fibres and Textiles for Use in Structural Composites Applications

## INVITATION

Textiles based on natural fibers for composites applications

A one day free Workshop

**22 March 2011**

Venue : Institut of Natural Fibres and Medicinal Plants (INFMP)

Wojska Polskiego 71b Poznan, POLAND



# Join us for an unique NATEX bio-composites experience

The NATEX Partners invite you to attend the first NATEX workshop on bio-composites oriented towards the textiles sector

The one day free workshop will take place on the 22nd of March 2011 and is hosted by the Institut of Natural Fibres and Medicinal Plants (INFMP) in the beautiful city of Poznan (Poland).

## What is Natex ?

NATEX (Natural Aligned Fibres and Textiles for Use in Structural Composites Applications) is a European Research & Development funded project which aims to develop aligned textiles from natural fibres that are suitable for use as high-strength reinforcing fabrics to produce structural composite materials and components.

For the validation of the new materials and processes, 4 case studies will be developed, by designing specific parts used for structural applications in four industrial sectors: transport systems (automotive), energy systems (housing for solar and thermal panels), agricultural systems (tractors) and shipbuilding (inside door).

## Partners in the project

NATEX gathers 17 partners from across Europe with various types of expertise in the bio-composites development chain. The project is coordinated by AIMPLAS in Spain.

## Funding

NATEX is a collaborative project targeted at SMEs and is funded by the European Commission's Seventh Framework Programme (FP7).

## Programme

8h30 Registration of participants

### MORNING SESSION

- 9h00 **Opening and Welcome**  
Prof. Grzegorz Spychalski , INFMP
- 9h10 **NATEX Project - Aims and Objectives**  
Sergio Fita, AIMPLAS
- 9h40 **Modifications of natural fibres for composites applications**  
Mark Hughes, AALTO University
- 10h10 *Coffee break*
- 10h30 **Low twist spinning**  
Kamila Dobies, SAFILIN  
Andrzej Grabowski, SAFILIN
- 11h00 **Natural fibres yarns suitable for composites**  
Malgorzata Zimniewska , INFMP  
Marek Radwański, EKOTEX
- 11h30 **Evaluation of fibre twisting angle and composite properties**  
Bo Madsen, DTU
- 12h00 **3D Fabrics from natural fibres for structural composites**  
Lorena Requena, PIELSA
- 12h30 **2D multiaxial fabric from natural fibres**  
Graham Otter, FORMAX

Moderated by Malgorzata Zimniewska, INFMP

13h00 *Lunch*

### AFTERNOON SESSION

- 14h00 **Composites based on natural fibres**  
Brendon Weager, NetComposites
- 14h30 **End users - natural fibres composites applications**  
Margarete Gödel, CEMO  
Hans Hoydonckx, TFC
- 15h00 **BIOAGROTEX Project - Aims and objectives**  
Luc Ruys, CENTXBEL
- 15h30 **Round Table Discussion**  
**Natural fibers applications for composites**

Moderated by Valentin Polo , AIMPLAS

- 16h30 **Closing Remarks**  
Malgorzata Zimniewska, INFMP

16h45 *End of Workshop*

## Registration Form

To attend the NATEX FREE workshop, fill in the registration form below.

Please return the completed form by the **15<sup>th</sup> of March** by email or fax to:

**Att. Przemyslaw Baraniecki (IWNiRZ)**  
**Email. [przemyslaw.baraniecki@iwnirz.pl](mailto:przemyslaw.baraniecki@iwnirz.pl)**  
**Fax. + 4861 841 78 30**

## Participant Information

Courtesy Title	Mr <input type="checkbox"/>	Mrs <input type="checkbox"/>	Ms <input type="checkbox"/>
First Name	<input type="text"/>		
Last Name	<input type="text"/>		
Telephone	<input type="text"/>		
Email	<input type="text"/>		
Fax	<input type="text"/>		

## Professional information

Name of your organization	<input type="text"/>
Address	<input type="text"/>
Post Code	<input type="text"/>
City	<input type="text"/>
Country	<input type="text"/>
Date and signature	<input type="text"/>

I would like to be kept informed about NATEX future events