

WELCOME

The Advanced Course on Fibre-based Materials and Products offers a unique chance to learn about the most important topics related to fibrous materials from the pioneering scientists in the field. Specially organized for the young researchers and scientists, this course aims at providing advanced scientific knowledge and understanding on fibre based materials as well as discussing the key issues related to product development and marketing. The scientific lecture sessions will cover various timely topics including production and application of functional nanofibres, renewable and bio-nanofibres, smart fibrous systems, advanced fibrous structures, multi-functional composite materials and innovative fiber based products. In-depth scientific discussions on the fundamental and basic concepts as well as on the most recent scientific and technological advancements in the field of fibre science and technology will be addressed in these sessions. The processes and strategies to transform the scientific knowledge and understanding in to value added market products will also be discussed. The participants will get the opportunity to interact with these experts to discuss their quarries and thoughts.

ADVANCED COURSE ON FIBER-BASED MATERIALS AND PRODUCTS

13 . 14 . 15
June, 2016

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PROGRAMME





FEES

TRANSPORTATION

ACCOMMODATION

DAY 1 | 13 JUNE 2016






PROGRAMME

08.00h - 08.30h	Welcome Desk Registration	
08.30h - 10.30h	Nanofibers and Nanomaterials-Emerging Opportunities Seeram Ramakrishna National University of Singapore (Singapore)	
10.30h - 11.00h	Coffee Break	
11.00h - 13.00h	Development of Advanced Materials from Lignin and Nano/micro-celluloses Orlando Rojas Aalto University (Finland)	
13.00h - 14.00h	Lunch Break	
14.00h - 16.00h	Textile Structural Composites: From strong to smart composites Frank K. Ko University of British Columbia (Canada)	
16.00h - 16.30h	Coffee Break	
16.30h - 18.30h	Advanced Fibrous Structures Hong Hu The Hong Kong Polytechnic University (China)	
18.30h - 19.30h	Individual Meetings	
19.30h	End of Session	

Scientific Lectures

DAY 2 | 14 JUNE 2016

PROGRAMME



08.30h - 10.30h	Advanced Composite Materials Karl Schulte Technische Universität Hamburg-Harburg, (Germany)	
10.30h - 11.00h	Coffee Break	
11.00h - 13.00h	Innovative Fiber-based Products Raul Figueiro University of Minho (Portugal)	
13.00h - 14.00h	Lunch Break	
14.00h - 16.00h	Overview on Biobased Building Material made with plant aggregate Sofiane Amziane RILEM - International Union of Laboratories and Experts in Construction Materials, Systems and Structures (France)	
16.00h - 16.30h	Coffee Break	
16.30h - 18.30h	New materials for sports: design, development and performance  João Paulo Vilas-Boas LABIOMEPE – Porto Biomechanics Laboratory (Portugal)	
18.30h - 19.30h	Individual Meetings	
20.30h	Networking Dinner	

Scientific Lectures

Market Lectures

DAY 3 | 15 JUNE 2016

PROGRAMME

08.30h - 10.30h	The Fibrous World in Regenerative Medicine Albino Martins 3B's Research Group in Biomaterials, Biodegradables and Biomimetics (Portugal)	
10.30h - 11.00h	Coffee Break	
11.00h - 13.00h	Tensile Surface Structures: Design, analysis and research Marijke Mollaert Tensinet – Association for tensioned membrane structures (Belgium)	
13.00h - 14.00h	Lunch Break	
14.00h - 16.00h	Transports CEiiA Center for Excellence and Innovation in the Automotive Industry	
16.00h - 16.30h	Coffee Break	
16.30h - 18.30h	Personal Protection AITEX Textile Industry Research Association	
18.30h - 19.30h	Individual Meetings	
19.30h	Closing Session	

FEES

Up to 30th April 2016	750 €
After 30th April 2016	900 €

Includes access to all sessions, access to individual meetings, documentation, coffee breaks and lunches

TRANSPORTATION

From Porto to Guimarães

If you come from abroad, please make your travel arrangements to fly to Porto (OPO). Many Low Cost companies operate to Porto. From Porto airport to Guimarães it is about 50 km and you can:

Take a taxi (about 60 €, good if you are a group of 3)

Get a bus at the airport, the price is about 7,5 euros (book in advance at getbus)

Rent a car at the airport (take A28 direction Valença, take A3 direction Braga/Valença, take A7 direction Guimarães)

Take the Metro to Campanhã train station, direct. After leaving arrivals area, follow the Metro signs to the -1 floor, get a pre-boarding Z4 ticket (Andante) from machines and validate it before boarding; 33-36 min., 1,80 € (+ 0,50 € the first time so keep the Andante as you can reload it next time).

In Campanhã train station get a ticket (3,00 €) and take the urban train to Guimarães, 1 h 11 min., direct, no changes. Trains leave nearly every hour at 25 min. past the hour*. From Guimarães train station, walk or take a taxi to your hotel.

* At rush hours trains might be very busy. It may be worth taking the train at S. Bento station, in the city centre. In this case change metro at Trindade and take the yellow line to S. Bento, 2 stops in the direction of Santo Ovídeo. Trains leave S. Bento at 20 min. past the hour.

1. Many Low Cost companies operate to Porto

ACCOMMODATION

	Single €	Double / Twin €	Distance from Venue (Km)
Hotel Guimarães ****	80	90	2,7 Km
Hotel Fundador ***	55	60	2,6 Km
Villa Hotels ****	55	65	2,7 Km
Hotel Toural ****	52	75	1,3 Km
Hotel Ibis **	39	39	1,7 Km

1. Hotel Prices to be confirmed