



**ADVANCED TEXTILES' MASTERCLASS**



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# SMART SOLUTIONS IN THE TEXTILE INDUSTRY

**DATE:** 5th March 2025

**TIME:** 15:30-16:30h CET

**MODERATOR:** University of Boras

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The smart textile industry is transforming the traditional textile sector by integrating technology and advanced materials, leading to new possibilities in design, functionality, and sustainability. Focusing on the smart solutions specific for the textile industry, 4 companies in the sector will explain what they do and how they work.

CONTENT	SPEAKER
Welcome & introduction	Tèxtils.CAT
Presentation of the MOOC: The Smart Path	University of Boras
Electronic Textiles, a non invasive way to digitize the physical world	SensingTex
The Future of Textiles: VUB's Journey into Smart textiles	VÚB
Advanced Materials for Textile-based innovations	CeNTI
Market response to SUNFIBRE Wearable Active Lighting	SCILIF
Q&A	All
Wrap-up & information for the next webinars	Tèxtils.CAT

# SPEAKERS & MODERATORS



**MARTA  
CASADESÚS**

Project Manager at Tèxtils.CAT since June 2020. PhD in Textile Engineering, Master's degree in Textile Engineering and Diploma in Chemical Engineering by Universitat Politècnica de Catalunya. She is involved in several European projects and has also experience in lecturing, as a freelance consultant, as a researcher and as a technician in various textile companies. Their main focus areas are research, circular economy, biomaterials and sustainability in the textile sector.

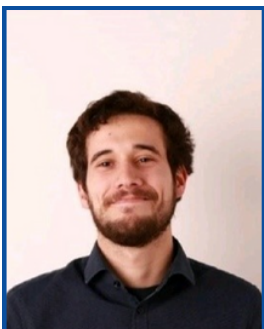


**MOHAMMAD  
NEAZ MORSHED**

Researcher in Textile Materials Technology at the Swedish School of Textiles in University of Borås since March 2019. He has completed his PhD in Textile technology under the framework of Erasmus Mundus joint doctorate fellowship program about sustainable management and design for textiles (SMDTex). He is an expert in the field of surface/interface science, textile material chemistry, textile biotechnology, and catalytic wastewater treatment systems.

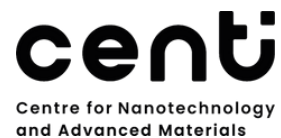


**UNIVERSITY  
OF BORÅS**



**KEVIN  
RODRIGUES**

Kevin Rodrigues is currently the Team Leader of the Smart Textiles and Structures team at CeNTI's Smart Materials Department, and during his professional career, he has been involved in several national and international R&D projects, acquiring solid knowledge in printed and flexible electronic technologies for the development of smart devices for multisectoral applications.



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Centre for Nanotechnology  
and Advanced Materials

# SPEAKERS & MODERATORS



**MIGUEL  
RIDAO**

Mr. Ridao is the founder and CEO of Sensing Tex. Holding over twenty years of experience in the business of textile and electronic technology, Mr. Ridao is an inventor, holds some patents, has lectured worldwide, published several articles, and has won several awards at both technology and business level. On top of Mr. Ridao's achievement of receiving many high degrees Pre-PhD, Master Physics, and Master Textile Engineering; he has acquired academic training completed specifically within the field of entrepreneurship, leadership, and management.



**IVA  
HAMANOVÁ**

Iva graduated from the Technical University of Liberec, where she studied Textile Engineering. She currently heads the International Relations Department at VÚB in Ústí nad Orlicí, Czech Republic, where she is responsible for international contacts. She is also involved in research and development projects focused on smart and e-textiles, and actively participates in research teams of CORNET international cooperation projects.



**DAVID KRAUZ**

David has been an integral part of SUNFIBRE for over four years, gaining invaluable expertise in personal safety and visibility through his work across various industries. Often as a speaker at international trade fairs and security conferences, he passionately shares insights on wearable active lighting. What excites him most about SUNFIBRE technology is its limitless potential and life-saving impact across the globe.



# AddTex

TÈXTILS  CAT

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Central Textile Development

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