



ADVANCED TEXTILES' MASTERCLASS

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Co-funded by the  
Erasmus+ Programme  
of the European Union



# PROGRAMME

DATE: 3/10/2022

PLACE: INSTITUT SUPÉRIEUR D'ARTS ET MÉTIERS  
34 AVENUE 5 AUGUST, SFAX, 3002, TUNISIA

- 14 - 14.15H** Introduction to WINTEX and presentation of the Masterclass  
Amine Haj Taieb, Institut Supérieur d'Arts et Métiers Sfax (Tunisia)
- 14.15 - 14.45H** Conditions for innovation  
Sergi Artigas, LEITAT (Spain)
- 14.45 - 15.15H** Trends in textile innovation - Fibres and composites  
Raul Fanguero, Fibrenamics (Portugal)
- 15.15 - 15.35H** Clusters as a tool to increase competitiveness  
Josep Casamada/Ariadna Detrell, AEI Tèxtils (Spain)

C O F F E E B R E A K

O N L I N E

**\* ONLY AVAILABLE FOR IN-PERSON ATTENDANTS**

- 16.05 - 16.35H** New business models with smart textiles  
Daniela Zavec, Titera (Slovenia)
- 16.35 - 17.05H** The Future of Smart Textiles  
Judith Bosch, ETP (Belgium)
- 17.05 - 17.30H** Industrial case - Circular textiles  
Joan Santamaria/Francesc Sola, Hilaturas Arnau (Spain)

# PROGRAMME

DATE: 4/10/2022

PLACE: ISET- KH, THE HIGHER INSTITUTE OF TECHNOLOGICAL STUDIES OF KSAR HELLAL  
BP 68 AV. HADJ ALI SOUA, KSAR HELLAL 5070, TUNISIA

- |                       |  |
|-----------------------|--|
| <b>10 - 10.15H</b>    | Introduction to WINTEX and presentation of the Masterclass<br>Amine Haj Taieb, Institut Supérieur d'Arts et Métiers Sfax (Tunisia) |
| <b>10.15 - 10.45H</b> | Conditions for innovation<br>Sergi Artigas, LEITAT (Spain)   |
| <b>10.45 - 11.15H</b> | Trends in textile innovation - Fibres and composites<br>Raul Fanguero, Fibrenamics (Portugal)                                      |
| <b>11.15 - 11.35H</b> | Clusters as a tool to increase competitiveness<br>Josep Casamada/Ariadna Detrell, AEI Tèxtils (Spain)                              |

**C O F F E E B R E A K**

**O N L I N E**

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|-----------------------|---|
| <b>12.05 - 12.35H</b> | Digitalization & Green Transition<br>Jamie Meehan, IDEAM Cluster (Ireland)  |
| <b>12.35 - 13.05H</b> | Trends in textile innovation - Functionalization finishing processes<br>Myriam Vanneste, CENTEXBEL (Belgium)                            |
| <b>13.05 - 13.30H</b> | Industrial impact of textile innovation centers in Jordan and Morocco - Best practices and learnings<br>Omar Cherkaoui, ESITH (Morocco) |

# SPEAKERS



**AMINE  
HAJ TAIEB**

Amine Haj Taieb is graduated with textile engineering diploma, a master's, Ph.D. and HDR. His research interests are Innovation in Smart product, Design strategies for Sustainability.

He is a senior lecturer in the Higher Institute of Arts and craft at the University of Sfax (ISAMS) in Tunisia. He was the head of the design department. He is the director of studies and vice director of ISAMS. He is involved in collaborative projects, spearheaded curriculum development and review processes, and management of innovations. He is the national coordinator of the WINTEX, Erasmus+ project. He is referee in many Scientific Journals and Scientific committee in Conferences.



**SERGI  
ARTIGAS**

Sergi Artigas is an Industrial Engineer from the Polytechnic University of Catalonia, an International MBA from the Euncet Business School and a PhD student from the Polytechnic University of Catalonia. He has extensive professional experience in the industry, both in national and multinational companies in sectors such as the automotive or hospital. Currently, he is Innovation Board Strategic Manager at the LEITAT Technological Center.



**RAUL  
FANGUEIRO**

Raul Fanguero is currently professor and senior researcher in the School of Engineering at the University of Minho. He is the Head of the Fibrous Materials Research Group of the same university with expertise in advanced materials (nano, smart, composites) and structures (3D, auxetic, multiscale) with 40 researchers. He is the mentor and the coordinator of the FIBRENAMICS International Platform ([www.fibrenamics.com](http://www.fibrenamics.com)) including 300 partners developing promotion, dissemination, technology transfer and research activities on fiber-based advanced materials. He has more than 145 published papers in international reputed scientific journals, 400 conference publications, 36 books and 14 patents. He is the scientific coordinator of several national and international research projects on advanced fibrous and composite materials.



# SPEAKERS



**ARIADNA  
DETRELL**

Ariadna Detrell is the responsible for cluster executive management in AEI Tèxtils. She has a PhD in Industrial Organization Engineering, a Diploma in Industrial Chemistry and a Diploma of Advanced Studies, all of them by the Technical University of Catalonia. She has experience in the field of advanced textile materials, research and development projects' management, innovation projects' management and in diversification strategies' development.



**JOSEP  
CASAMADA**

Josep Casamada has a Masters in Innovation Management from the Universitat Oberta de Catalunya, a Master in Science from the University of Colorado, Chemical Engineer and Technical Industrial Engineer from the Universitat Politècnica de Catalunya. International experience in the field of advanced materials and in research, development and innovation projects' management.



**DANIELA  
ZAVEC**

Daniela Zavec is the consultant providing tech and business solutions from ideas up to approved and functional products. Bridging the gap between the science and industry is her passionate skill. By understanding different ways of thinking she reached another dimension of competitiveness. As a founder of TITERA in 2013 she launched several business solutions for ideation of novel ideas and advanced developments considering cross-sectoral aspects. In addition, based on her wide overview of smart textile supply chain worldwide, she became the technical adviser of European Textile Platform for the Masterclass Innovating in Smart Textiles.





# SPEAKERS



**JUDITH  
BOSCH**

Judith Bosch holds a Bachelor degree in textile engineer and is currently working as a project manager at the Textile ETP. She coordinated the successful SmartX project focused on Smart Textiles extracting some interesting results for industry, research centers and other relevant associations. Towards those results, the Textile ETP has initiated a Community that is key for smart textiles market in Europe and associate countries to grow and reach the end markets.



**JOAN  
SANTAMARIA**

Joan Santamaria is CEO at Hilaturas Arnau, S.L. since 2003 and previously business development manager since 1990. He has a BSc in business administration by the Autonomous University of Barcelona (UAB) with a minor in marketing and publicity. He also founded another company, Aturvite, where he served as Business Development Manager for 10 years. His large drive for innovation has led Hilaturas Arnau to be at the forefront of speciality yarn spinning using recycled fibers with a growing branding encouraging the circular economy.



**FRANCESC  
SOLA**

Francesc Sola is an International Trade consultant and trainer, specialized in textile sector internationalization and business development support. He has a bachelor's in law and international trade degree. He is recognized as Internationalization consultant for SMEs by the Generalitat de Catalunya. He collaborates with different consultancy firms and business schools with projects both within Spain and Latin America.



# SPEAKERS



**JAMIE  
MEEHAN**

Jamie Meehan is an Industry 4.0 Certified Trainer: Smart Manufacturing for Industry as part of the EU Atlantic Area IN4.0 project supporting over 1,000 EU SMEs. He holds a PhD in the area of Clusters, Entrepreneurship and Regional Development and is the author of the book "Convergence Influence on Cluster-Based Economic Growth in Regions. Business Clusters: An International Perspective (2021)". He forms part of the Clusters of Change EU Cluster Acceleration Programme, whilst also delivering the Master Class for Management of Clusters and Territorial Networks at the University of Strasbourg, France. As the Cluster Manager of IDEAM, he focuses on supporting over 100+ advanced manufacturing SMEs across the island of Ireland with their digital and green advancements and exponential business growth potential.



**MYRIAM  
VANNESTE**

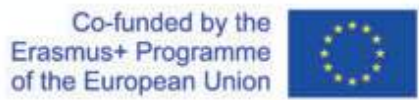
Myriam Vanneste has a PhD in polymer chemistry at the Catholic University of Leuven, Belgium. She started in 1994 a postdoctoral thesis at Centexbel in cooperation with the KULeuven regarding the use of compatibilised PP/PA blends in textiles. From 1997 to 2006 she was researcher scientist at Centexbel in the domain of yarn engineering working on subjects like heatsetting, spin-finish, texturing, yarn uniformity, hydrophilic/hydrophobic yarn/tapes. Since 2006 until today she is manager in R&D division, regarding coating & finishing of textiles "Textile Functionalisation & Surface Modification". Key topics are amongst other sustainable coatings and additives, energy friendly processes and smart coating & printing.



**OMAR  
CHERKAOUI**

Omar Cherkaoui had his doctorate in chemistry in 1996 from the University of Claude Bernard Lyon France. He has been a professor-researcher at ESITH since 1997. His subjects cover textile chemistry, textile finishing, polymer chemistry and unconventional "technical textiles" textiles. Since 2009, he has been in charge of the textile research laboratory "REMTEX". Currently, he's R&D Director at ESITH since 2015. He is member of the organizing committee of the ITMC International Conference on Intelligent Textiles and Mass Customization. His scientific research focuses on the functionalization of textile fibres and the valorization of natural fibres and textile waste into products with high added value and in the development of advanced textile materials. His scientific output is over 170 publications in indexed journals and 24 patents.





[wintexproject.eu](http://wintexproject.eu)

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