

## Processing meet Structuration: Shaping Sustainable Polymeric Composites

**Date:** February 29<sup>th</sup>, 2024

**Time:** 09:00 am to 05:30 pm (UTC+1)

**Location:** Riad Science 2, conference room, Lot 660, Hay Moulay Rachid Benguerir, 43150, Morocco

### Schedule

The Winter Workshop is the Winter Workshop of the Sustainable Materials Research Center (SusMat-RC) which will take place on **February 29<sup>th</sup>, 2024**, at **University Mohammed VI Polytechnic (UM6P)**. Under the theme of **“Processing meet Structuration: Shaping Polymeric Composites”**, this workshop promises an in-depth exploration of the dynamic relationship between processing techniques (*coextrusion, reactive extrusion, microwaves, electrospinning, etc*) and material structuration, offering valuable insights into the latest advancements in high-tech applications and ecological preservation. Led by field experts, the Winter Workshop ensures a deep dive into breakthrough solutions, trends, and innovations in polymer processing and polymer composite technology.

The Winter Workshop is open to Ph.D. students, postdoctoral fellows, scientists, researchers, and professionals in the fields of Chemistry, Polymer Science, Materials Science, and Engineering. The workshop is thoughtfully designed to accommodate both in-person and remote participation, providing flexibility for attendees to engage with the experts.

Join us in this collaborative venture, where the Winter Workshop serves as a platform for knowledge exchange, networking, and gaining a front-row seat to the transformative innovations shaping the realm of polymeric composites. We look forward to your participation and the shared exploration of the workshop's central theme.

- Engaging Presentations
- Eco-Friendly Initiatives
- Networking Opportunities

	Speakers & talks
Morning session	<b>9:00 – 9:15</b> <b>Prof. Youssef HABIBI</b> Opening words
	<b>9:15 – 10:15</b> <b>Prof. Abderrahim Maazouz</b> <i>INSA Lyon – Ingénierie des Matériaux Polymères, France</i> Multi-scale investigation and fundamental studies on interface/interphase in multilayered polymer systems towards better controlling coextrusion process for high-tech applications
	<b>10:15 – 11:15</b> <b>Prof. Fouad Erchiqui</b> <i>School of Engineering, Université du Québec (UQAT, Québec), Canada</i> Potential contribution of microwaves to the manufacture of biocomposite products and the protection of ecological heritage
	<b>11:15 – 11:30</b> Coffee break
	<b>11:30 – 12:30</b> <b>Prof. Hamid Kaddami</b> University Caddi Ayyad – Morocco Nanocellulose with controlled structure and properties: production and functional applications
Afternoon session	<b>14:30 – 15:30</b> <b>Dr. Prof. Fouad Laoutid</b> <i>MateriaNova – University of Mons - Belgium</i> Reactive Extrusion: a versatile process for the development of functional polymeric materials
	<b>15:30 – 16:30</b> <b>Dr. Nabil Saouaf &amp; Dr. Ahmed Ben Elarroubia</b> <i>The Moroccan Federation of Plasturgy – Morocco</i> Oxodegradable plastics in Morocco: A success story of academic/industry partnership
	<b>16:00 – 16:30</b> Coffee break
	<b>16:30 – 17:30</b> <b>Prof. Youssef HABIBI</b> <i>University Mohammed VI Polytechnic - SUSMAT-RC, Morocco</i> Electrospinning Processing for the Manufacturing of Composite Functional Fibers
<b>Moderators</b>	<b>Prof. Larbi Oularbi &amp; Prof. Hamid Kaddami</b>

### Contact Information

Email: [Info-SusMat@um6p.ma](mailto:Info-SusMat@um6p.ma)

This event is free/open to the public and is sponsored by SusMat-Rc. To confirm your participation, please fill in the following registration form:

<https://forms.gle/cPwnJhdJ3AXPZWL48>

