

Nexovo Materials Science 2025

**International Conference on
Materials Science & Engineering**

SCIENTIFIC PROGRAM



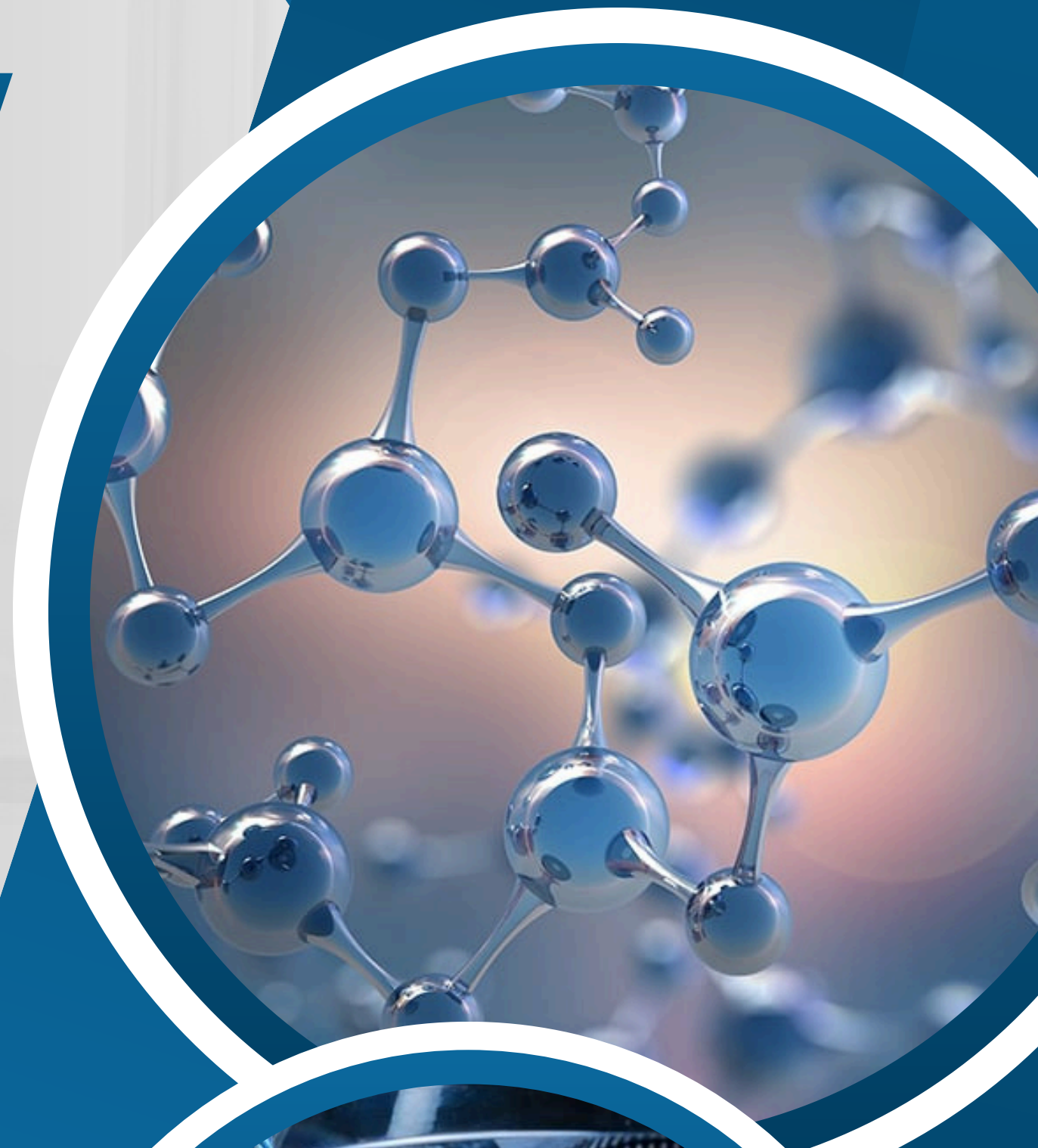
Date

Sep 25-26, 2025



Venue

Dubai, UAE



For more information

Thursday September 25, 2025 | Day-1

Nexovo
Materials Science
2025

SEPTEMBER
25-26- 2025

Dubai, UAE

PLENARY SESSION

09:00- 09:30	Registrations
09:30-09:40	Opening Ceremony
09:40-10:20	Title: Application of Bioengineering in Construction Sassan Mohasseb,Smteam, switzerland
10:20-11:00	Title: COMPOSITE INJECTION NANO-POLYMER NON-TEXTILE BALLOON OF IN EMBEDDED PADDED SYSTEM DESERT WELLS AS UNDERGROUND DRINKING WATER STORAGE SILOS Elsayed, Kaferelsheikh University, Egypt
11:00-11:15	COFFEE BREAK
11:15-11:55	Title: Tissues as Adaptive Materials: Investigating the Role of Cellular Adaptability in Tissue Mechanics Haicen Yue,University of Vermont, USA
11:55-12:30	Title: Mechanical Properties of Ultrathin Polymer Films Reed Bay, University of Colorado at Boulder, Brazil
	KEYNOTE SESSION
12:30-12:55	Title: Leveraging Noncovalent Interactions to Design Tunable, Reprocessable, and Degradable Materials Michael Larsen, Western Washington University , UK
12:55-13:00	GROUP PHOTO
13:00-14:00	LUNCH BREAK
14:00-14:25	Title: Novel Magnetic Material Platforms for Probing Mechanobiology in Space and Time Elise Corbin, University of Delaware, Spain

SUBMIT YOUR ABSTRACT

<https://materials-science.nexovoconferences.com/abstract-submission/>

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14:25-14:50	Title: Computational crystallization of polymer blends: application to recycled plastics and more. Wenlin Zhang, Dartmouth College, USA
15:15-15:40	Title: Air-Free Materials and Processing Science for Extreme Environment Additive Electronics Ethan Secor, Iowa State University, USA
15:40-16:05	Title: Synthesis and Application of Bioorthogonally Degradable Polymers Justin Kim, Georgia Tech Research Corporation, USA
16:05-16:20	COFFEE BREAK
16:20-16:45	Title: High-Volume Manufacturing of Origami-Inspired Structures and Forms for Building Construction Nathan Crane, Brigham Young University, USA
16:45-17:10	Title: New Frameworks for Nanoscale Surface Functionalization of Amorphous Materials Shelley Claridge, purdue university, USA

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"This tentative program is subject to change, with a few slots still open for registration."

For Program Enquiry

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"To confirm your slot, please click on the link below."

<https://materials-science.nexovoconferences.com/registration/>