

World Conference on Nanotechnology and Advanced Materials

 **September 21-23,
2026**

 **Munich, Germany**

TENTATIVE PROGRAM



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WCNAM-2026@science-quest.com



<https://www.advancedmaterials.thesciencequest.org/>

Day 1 (September 21, 2026)

08:30-09:30 Registrations in Main Hall

09:30-09:35 Introduction

09:35-10:00 Opening Ceremony

Plenary session

10:00-10:30 Title: Ion Conductivity Enhancement in Ba-Nano ferrite Dispersed [PVA:(NH₄CH₂COO)₂] Gel Polymer Electrolytes

Lovely Ranjta, AKS University, India

10:30-11:00 **Speaker Slot Available**

11:00-11:30 Title: Magnetic Sensors: Innovative Nanosensors

Thomas J Webster, Hebei University of Technology, China

11:30-11:45 Refreshments Break@ Foyer

Keynote Session

11:45-12:10 Title: Deep targeted sequencing of cytological tumor cells using whole genome amplification

Tetsuo Kondo, University of Yamanashi, Japan

12:10-12:35 **Speaker Slot Available**

12:35-13:00 Title: Poppers-related maculopathy

Abdullah AYDIN, Kırşehir Ahi Evran University, Turkey

13:00-14:00 Lunch Break

14:00-14:25 **Speaker Slot Available**

14:25-14:50	<p>Title: The Application of Eye-Tracking in the Evaluation of Functional Visual Perception in Preschool Children</p> <p>Malgorzata Obrycka, <i>University of Gdansk, Poland</i></p>
14:50-15:15	Speaker Slot Available
Featured Talks	
15:15-15:35	<p>Title: Nanoformulated Terpenoids in Cancer: A Review of Therapeutic Applications, Mechanisms, and Challenges</p> <p>Anupam Bishayee, <i>Lake Erie College of Osteopathic Medicine, USA</i></p>
15:35-15:50	Refreshments Break@ Foyer
15:50-16:10	Speaker Slot Available
16:10-16:30	<p>Title: Polymeric Coatings for Preventing Hydrogen Embrittlement in Industrial Storage and Transmission Systems</p> <p>Naiying Du, <i>National Research Council Canada, Canada</i></p>
Speaker Slots available	
Day 2 (September 22, 2026)	
08:30-09:30	Registrations in Main Hall
Plenary Session	
09:30-10:00	<p>Title: Investigation of anchoring effects in ferroelectric liquid crystals</p> <p>Vladimir Chigrinov, <i>Hong Kong University of Science and Technology, Hong Kong</i></p>

10:00-10:30	<p>Title: Unveiling unsaturated modes from multi-frequency ferromagnetic resonance using maghemite nanoparticles</p> <p>Paulo Cesar De Moraes, Catholic University of Brasilia, Brazil</p>
10:30-11:00	Speaker Slot Available
Keynote Session	
11:00-11:25	<p>Title: AI-guided cryo-EM analysis untangles uromodulin lattices that safeguard kidneys</p> <p>Bin Wu, Nanyang Technological University, Singapore</p>
11:25-11:40	Refreshments Break@ Foyer
11:40-12:05	Speaker Slot Available
12:05-12:30	<p>Title: Novel electric arc-based surface smoothening for wire arc additively manufactured components</p> <p>Raman Singh, Monash University, Australia</p>
12:30-13:00	Speaker Slot Available
13:00-14:00	Lunch Break
Featured talk	
14:00-14:20	<p>Title: Advanced Design and 3D Printing Strategies With Alginate-Nanoclay Nanocomposites: From Microstructure to Bioprinting</p> <p>Jihua Chen, Oak Ridge National Laboratory, USA</p>
14:20-14:40	Speaker Slot Available
14:40-15:00	Speaker Slot Available
Speaker Slots Available	

Day 3 (September 23, 2026)

08:30-09:30 Registrations in Main Hall

Plenary session

09:30-10:00 **Speaker Slot Available**

10:00-10:30

Title: Protein Extraction and Isolation from Legumes and Algae: An Industry Primer

Adison Wong Choon Kit, *Singapore Institute of Technology, Singapore*

10:30-11:00

Title: An in-operando micromechanical scanning electron microscopy suite

Joanne Etheridge, *Monash University, Australia*

Keynote session

11:00-11:25

Title: Applications of Nanoparticles in Bioimaging

Riya Thomas, *Malmo University, Sweden*

11:25-11:40

Refreshments Break@ Foyer

11:40-12:05

Speaker Slot Available

12:05-12:30

Title: Robustness as Architecture: Designing IQA Models to Withstand Adversarial Perturbations

Anna A. Antsiferova, *National Research Center Kurchatov Institute, Russian Federation*

12:30-13:00

Speaker Slot Available

13:00-14:00

Lunch Break

Featured Talks

14:00-14:20

Speaker Slot Available

Title: Towards the next generation of nanobiosensors

14:20-14:40

Thomas J. Webster, *Northeastern University, USA*

14:40-15:00

Speaker Slot Available

Speaker Slots Available

Sponsors/Exhibitors

