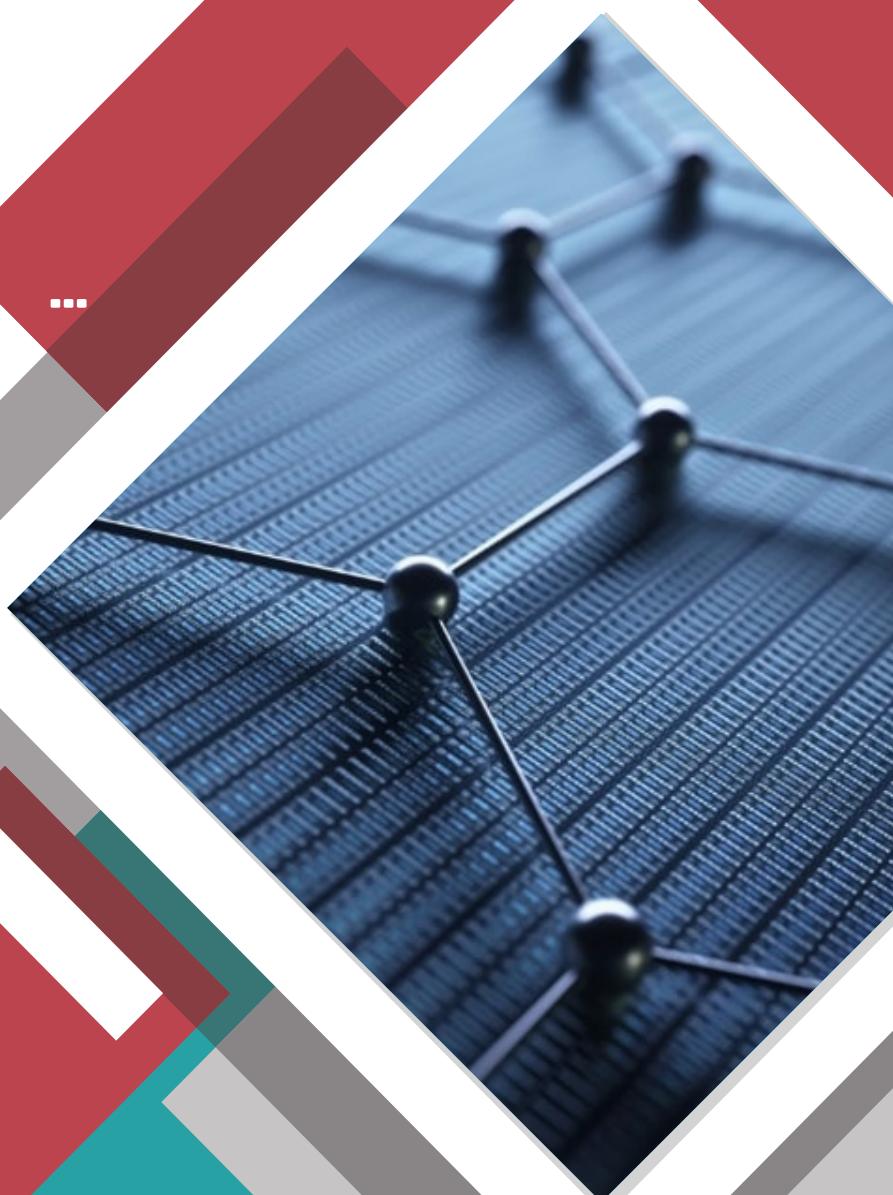


# World Conference on Nanotechnology and Advanced Materials

 **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**

**Title: Magnetic Sensors: Innovative Nanosensors**

**11:00-11:30**

**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**

**Title: Poppers-related maculopathy**

**12:35-13:00**

**Abdullah AYDIN**, Kırşehir Ahi Evran University, Turkey

**13:00-14:00**

Lunch Break

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

14:25-14:50

**Title: The Application of Eye-Tracking in the Evaluation of Functional Visual Perception in Preschool Children**

**Malgorzata Obrycka**, University of Gdansk, Poland

14:50-15:15

**Speaker Slot Available**

### Featured Talks

15:15-15:35

**Title: Nanoformulated Terpenoids in Cancer: A Review of Therapeutic Applications, Mechanisms, and Challenges**

**Anupam Bishayee**, Lake Erie College of Osteopathic Medicine, USA

15:35-15:50

**Refreshments Break@ Foyer**

15:50-16:10

**Speaker Slot Available**

16:10-16:30

**Title: Polymeric Coatings for Preventing Hydrogen Embrittlement in Industrial Storage and Transmission Systems**

**Naiying Du**, National Research Council Canada, Canada

**Speaker Slots available**

**Day 2 (September 22, 2026)**

08:30-09:30

**Registrations in Main Hall**

### Plenary Session

09:30-10:00

**Title: Investigation of anchoring effects in ferroelectric liquid crystals**

**Vladimir Chigrinov**, Hong Kong University of Science and Technology, Hong Kong

10:00-10:30 **Title: Unveiling unsaturated modes from multi-frequency ferromagnetic resonance using maghemite nanoparticles**

**Paulo Cesar De Moraes**, Catholic University of Brasilia, Brazil

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

### Keynote Session

11:00-11:25 **Title: AI-guided cryo-EM analysis untangles uromodulin lattices that safeguard kidneys**

**Bin Wu**, Nanyang Technological University, Singapore

11:25-11:40

**Refreshments Break@ Foyer**

11:40-12:05 **Speaker Slot Available**

12:05-12:30 **Title: Novel electric arc-based surface smoothening for wire arc additively manufactured components**

**Raman Singh**, Monash University, Australia

12:30-13:00 **Speaker Slot Available**

13:00-14:00

**Lunch Break**

### Featured talk

14:00-14:20 **Title: Advanced Design and 3D Printing Strategies With Alginate-Nanoclay Nanocomposites: From Microstructure to Bioprinting**

**Jihua Chen**, Oak Ridge National Laboratory, USA

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**

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Title: Towards the next generation of nanobiosensors

14:20-14:40

Thomas J. Webster, Northeastern University, USA

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14:40-15:00 Speaker Slot Available

Speaker Slots Available

## Sponsors/Exhibitors

