

The International conference on MATERIALS SCIENCE & NANOTECHNOLOGY

Future Materials 2024

ATHENS, GREECE | OCTOBER 21-23, 2024 ONLINE, ZOOM | OCTOBER 24-25, 2024

Committee Members



Ester Vazquez IRICA- UCLM Spain



Lopez
University of the
Basque Country
Spain

Gabriel A.



Rissanou Anastassia National Hellenic Research Foundation Greece



PelinUniversity of
Trieste
Italy

Marco



Martín Jiménez University Carlos III of Madrid Spain

Cristina



Alejandro Criado Fernández University of A Coruña (UDC) Spain



WELCOME TO FUTURE MATERIALS-2024!

Dear Attendees,

Welcome to Future Materials 2024, the 5th International Conference on Materials Science and Nanotechnology to be held October 21-25, 2024, in Athens, Greece and Online.

We are organizing an attractive program that will address the most current issues and challenges in Materials Science. The conference is designed to attract and stimulate scientists working in areas as diverse as chemistry, physics, biomedicine, and engineering. It is intended to be a forum to foster collaboration, exchange of ideas, and creativity. Moreover, we will pay special attention to young researchers who represent the future of science, reserving slots for their oral talks and rewarding their best presentations and posters.

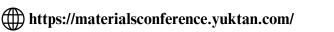
As chair of the conference, I would like to express my special thanks to the scientific committee for their helpful advice and brilliant suggestions in organizing the technical program and for their thorough and timely review of the abstracts. Many thanks to the organizers for their dedicated efforts in overseeing the various aspects of the conference and coordinating related social activities.

We have chosen a wonderful venue in the marvelous city of Athens, the cradle of European culture, where past and present merge, ensuring an interesting cultural program for the most curious brains.

We look forward to seeing you all in Athens.



Prof. Ester Vázquez Fernández-Pacheco Conference Chair, Future Materials-2024 Director of IRICA University of Castilla-la Mancha (UCLM) Spain





ABOUT FUTURE MATERIALS 2024!

The 5th International Conference on Materials Science & Nanotechnology, the five-day scientific event is scheduled to take place in Athens, Greece from October 21-23, 2024, with an online segment via Zoom from October 24-25, 2024.

Future Materials 2024 will be divided into four major symposiums;

- (i) Future Biomaterials- Biomedical Applications, Biomimetic **Engineering, Toxicity, 3D & 4D Printing**
- (ii) Future Materials for Energy and Environment
- (iii) Materials for Electronics, Optics, and Photonics
- (iv) Nanotechnology and Nanomaterials

Previous editions of Future Materials meetings were hosted in Lisbon, Rome, and Valencia. These gatherings were honored by the esteemed presence of Nobel laureates and influential C-level executives, contributing significantly to the exchange of knowledge and fostering innovation throughout four distinguished editions.

We extend a warm invitation for you to join us and network with leading experts, researchers, and innovators boasting both academic and industrial backgrounds from around the globe. Prepare to be immersed in a collaborative environment where cutting-edge research in the fields of materials science and nanotechnology will be shared, fostering a collective drive toward advancements and breakthroughs.





Global Speakers



Meilin Liu Professor Georgia Institute of Technology, USA



Jonathan Knowles Professor University College London, UK



Jang Kyo Kim Professor Khalifa University, UAE University of New South Wales, Australia



Maria J. Vicent Professor Centro de Investigación Príncipe Felipe, Spain



Chengzhong
(Michael) Yu
Professor
The University of
Queensland, Australia



Philippe Poulin
Director of Research
CNRS/University of
Bordeaux, France



Svetlana Mintova Director of Research 1st Class CNRS, ENSICAEN, Normandy University-Caen, France



Bingqing (B.Q.) Wei Professor University of Delaware, USA



Peter Wick
Professor
Empa
Switzerland



Pedro Alpuim
Professor
International Iberian
Nanotechnology
Laboratory Portugal



Stergios Pispas
Professor
National Hellenic
Research Foundation



Naoki Komatsu Professor Kyoto University



Juan Carlos Sánchez López CSIC Senior Researcher CSIC-US, Spain



Lorena Diéguez Leader - Medical Devices research Group INL, Portugal



Laura Maggini
Senior Researcher
University of Vienna
Austria



Global Speakers



Kirill Monakhov Research Group Leader IOM Leibniz Institute of Surface Engineering Germany



Laura Maggini Professor Central Michigan University, USA



Wei Li Professor The University of Texas at Austin, USA



Dorleta Jimenez de Aberasturi CICbiomaGUNE, Spain



Wenfang Sun The University of Alabama, USA



Liang Li Professor Soochow University



Juan P. Martinez-Pastor Director & Professor University of Valencia



Jesús Mosquera Assistant Professor Universidade da Coruña, Spain



Mattia Bramini Ramón y Cajal Senior Researcher University of Granada



Arsen Babajanyan Professor Yerevan State University Armenia



Charles-Alexis Asselineau Ramon-y-Cajal fellow IMDEA Energy Spain



Alberto Katsumiti Researcher **GAIKER Technology** Centre, Spain



Amalia Ruiz Estrada Assistant Professor University of Bradford United Kingdom



Antonio Turco Senior Researcher Institute of Nanotechnology National Research Council, Italy



Shuvan Gao Professor Henan Normal University, South Korea



Global Speakers



Xixiang Zhang
Professor
King Abdullah University
of Science & Technology
Saudi Arabia



Fernando Novio Associate Professor Universitat Autònoma de Barcelona, Spain



Antonio Maffucci Professor University of Cassino and Southern Lazio Italy



Inês C. Gonçalves
Principal Investigator
i38/INEB
Portugal



Andrea Armirotti
Analytical Chemistry
Facility, Coordinator
Italian Institute of
Technology, Italy



Yan Yu Professor University of Science and Technology of China, China



Terence K.S. Wong Associate Professor Nanyang Technological University, Singapore



Serge Stoll
Senior Lecturer
University of Geneva
Switzerland



Vahid Serpooshan Assistant Professor Georgia Institute of Technology & Emory University, USA



António Salgado Coordinating Investigator University of Minho Portugal



Giacomo Reina Researcher Empa Switzerland



Taher Ghomian
Assistant Professor
University of Maine



Giasemi Angeli Associate Researcher National Hellenic Research Foundation Greece



Antonio Esau Del Rio Castillo Production Manager & Researcher BeDimensional S.p.A. Italy



Z. Faidon Brotzakis Researcher BSRC Alexander Fleming, Greece

Check more at: https://materialsconference.yuktan.com/featured-speakers



Program Outline (In-person-Tentative)

Day 1: October 21, 2024

Day 2: October 22, 2024

Day 3: October 23, 2024

08:00-08:45

Registrations

08:45-09:00

Opening Remarks

09:00-10:10

Morning Keynote Session

10:10-10:30

Networking (Coffee) Break

ROOM-1

ROOM -2

Biomaterials Electronic Materials
Session 1 Session 1

ROOM -1

Biomaterials Session 4 **ROOM-2**

Nano Session 1

ROOM-1

Energy Session 1 Nano Session 2

ROOM -2

12:30-13:30

LUNCH BREAK

13:30-14:05

Afternoon Keynote Session

ROOM -1

ROOM-2

Biomaterials Electronic Materials
Session 2 Session 2

ROOM-1

Biomat: Young Researcher Forum ROOM -2

Nano: Young Researcher Forum ROOM -1

ROOM -2

Nano Session 3

Energy Session 2

16:05-16:25

Biomaterials

Session 3

Coffee Break

ROOM -1

ROOM -2

Electronic Materials Session 3

Electro: Young Researcher Forum ROOM -1

Energy: Young Researcher Forum ROOM -2

Nano: Young Researcher Forum ROOM -1

Energy Session 3

Poster Presentations & Drinks

Social Networking

Awards and Closing Remarks

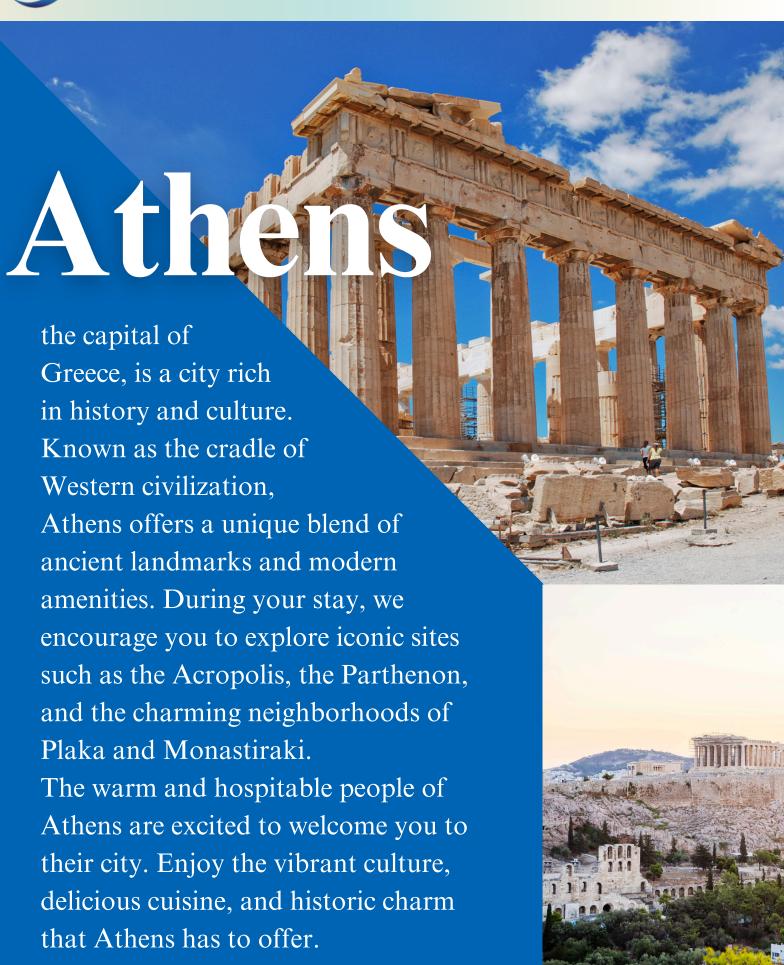
Day 4: October 24, 2024 | Online, Zoom

Day 5: October 25, 2024 | Online, Zoom



committee@materialseurope.com

https://materialsconference.yuktan.com/







Address to the Hotel:

NOVOTEL ATHENES

4-6 Michail Voda, 104 39 ATHENS, GREECE

Venue Information

The Novotel Athens hotel is close to important historical and cultural monuments of Athens such as the National Archaeological Museum, the Car Museum, the University of Athens, the National Library, the National Theatre. It is also easy to access and visit Plaka, Monastiraki, Thisio, Gazi, Kerameikos, the Agora and the main nightlife spots.

The Hotel staff will only provide general information about the hotel and guest rooms; and are not responsible for any specific details about the conference. Guest room confirmation numbers will be provided to the registrants periodically on successful completion of the registration and accommodation bookings.

Note: Please mention the Yuktan Technologies Pte Ltd/Future Materials-2024 name, if you wish to contact hotel reception.

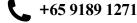
Near The Hotel

• Acropolis Museum: 3.00 km

• National Archaeological Museum: 0.50 km

• Benaki Museum: 1.50 km • Byzantine Museum: 1.50 km • Cycladic Museum: 1.20 km • National Gallery: 1.50 km

• Plaka: 2.00 km





Participants From:















UNIVERSIDAD **DE GRANADA**

















Georgia Institute of Technology

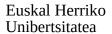




ΕΘΝΙΚΟ ΙΔΡΥΜΑ ΕΡΕΥΝΩΝ National Hellenic Research Foundation









京都大学 KYOTO UNIVERSITY













Materials Science and Technology

















TECHNISCHE UNIVERSITAT **WIEN** Vienna University of Technology









Register your slot TODAY!

https://materialsconference.yuktan.com/registration_form

For Sponsorship and Exhibitor Opportunities!

Sponsorship Guide:

<u>https://materialsconference.yuktan.com/pdfs/sponsorship_future_materials_2024.pdf</u>

For more information: Yuktan Technologies Pte Ltd

25 North Bridge Road, #01-02, Singapore 179104 committee@materialseurope.com +65 9189 1271

