



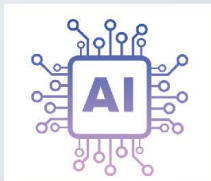
China-Spain Science and Technology Cooperation Theme Day



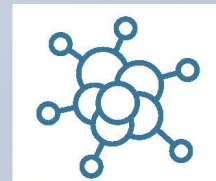
Advanced materials



Renewable energy



Artificial intelligence



Biotechnology

26th September 2024
Zaragoza



Universidad
Zaragoza



南京工业大学
NANJING TECH
UNIVERSITY

SINO-SPANISH RESEARCH AND INNOVATION FORUM.5TH EDITION

BIOTECHNOLOGY, RENEWABLE ENERGY, ARTIFICIAL INTELIGENCE AND ADVANCED MATERIALS

26 de SEPTIEMBRE 2024

PROGRAMA

SESION PLENARIA. Sala AULA MAGNA.

De 9.00 h a 9.30 h.

Presentación y Bienvenida:

- Rector de la Universidad de Zaragoza, José Antonio Mayoral
- Consejera de Asuntos Científicos de la Embajada de China, Hongmei Lei
- Vicerrectora Política Científica, Rosa Bolea
- Vicerrectora Transferencia e Innovación Tecnológica, Gloria Cuenca
- Vicerrector de la Universidad de Nanjing Tech, Kai Guo

SESIONES TEMÁTICAS PARALELAS

SALA AULA MAGNA

Sesión: **BIOTECHNOLOGY:** De 9.30h a 11.30h.

Moderadoras: Vicerrectora de Política Científica, Rosa Bolea, y Vicerrectora de Transferencia e Innovación Tecnológica, Gloria Cuenca.

Ponentes:

Dr. Esther Pueyo Paules,

"Bioengineering for improved management of cardiovascular diseases".

Full Professor at the University of Zaragoza and Senior Researcher at IIS Aragón and CIBER-BBN.

Dr. Janne Markus Toivonen, *" Therapies and Biomarkers for Motor Neuron Disorders".*

Associate research professor (contratado doctor investigador) in the Laboratory of Biochemical Genetics in the Veterinary Faculty of UNIZAR.

Dr. Min Jiang, *Development and future prospects for biorefinery of waste carbon resources,* Presidente del Instituto de Investigación Científica de la Universidad de Nanjing Tech.

Dr. Ling Jiang, *Carbohydrase resource mining and functional sugars production through multi-enzymes cascade,* Subdirector del Departamento de disciplina académica

Sesión: RENEWABLE ENERGY. De 12:15 h a 14:15 h.

Moderadoras: Vicerrectora de Política Científica, Rosa Bolea, y Vicerrectora de Transferencia e Innovación Tecnológica, Gloria Cuenca.

Ponentes:

Dr. **José Angel Peña**, *"Biogas as source of energy: production of Synthetic Natural Gas as sustainable vector"*.

Full Professor of Chemical Engineering at the School of Engineering and Architecture of the University of Zaragoza (UNIZAR).

Dr. **Julio Javier Melero Estela**, *"Applications of Artificial Intelligence and Machine Learning in Renewable Energies"*

Professor at the Department of Electrical Engineering and ViceDean of the Institute ENERGAIA at the University of Zaragoza

Dr. **Lijun Fu**, *Aqueous rechargeable batteries and supercapacitors, Joven destacado de Nanjing Tech.*

Dr. **Shanyuan Niu**, *Complex chalcogenides -- emerging semiconductors for visible to infrared optoelectronics, Joven destacado de Nanjing Tech*

SALA PILAR SINUÉS

Sesión: ARTIFICIAL INTELIGENCE. De 9:30h a 11:30h

Moderadora: Dr. M^a Piedad Garrido Picazo. Departamento de Ingeniería e Informática de Sistema. Escuela Universitaria Politécnica de Teruel.

Ponentes:

Dr. **Alfonso Ortega Giménez**, *"Artificial Intelligence and Large-Scale Multimedia Archives: Challenges and Opportunities"*.

Associate Director of Technology Transfer at Aragón Institute for Engineering Research (I3A) and Associate Professor at University of Zaragoza

Dr. **Francisco Javier Fabra Caro**, *Challenges and Opportunities at the Institutional Level in the Context of Generative AI"*.

PhD Comp Eng

Dr. **Xili Wan**, *Deep learning and its applications, Vicepresidente del Instituto de inteligencia artificial de Nanjing Tech.*

Dr. **Yuwen Cui**, *New ICME Tasks for Materials Design: High-Throughput Screening and Machine Learnin, Responsable científico de la Plataforma de Diseño de Inteligencia Artificial del Centro Nacional de Innovación por Excelencia*

Sesión: ADVANCED MATERIALS. De 12.15h a 14.15h.

Moderadora: Dr. M^a Blanca Ros Latienda. Departamento de Química Orgánica. Facultad de Ciencias. INMA.

Ponentes:

Dr. **M^a Reyes Mallada Viana**. *"Non conventional synthesis methods of nanomaterials in continuous systems"*

Full professor of Chemical Engineering at UNIZAR.

Dr. **Conrado Miguel Rillo Millán**. *"Clean liquid helium made in Aragón."* INMA. UNIZAR.

Dr. **Xiaomei Lu**, *Biomimetic nanomaterials for noninvasive tumor therapy, Director del departamento de planificación del desarrollo de Nanjing Tech*

Dr. **Yang Yang**, *Recombinant human collagen and its potentials in biomedical engineering, Profesor de Nanjing Tech*

De 11:30h a 12:15h

FOTO GRUPO y COFFEE BREAK (Sala Amar y Borbón)

De 14.15 h a 14.30 h

CEREMONIA DE CIERRE. Sala AULA MAGNA.