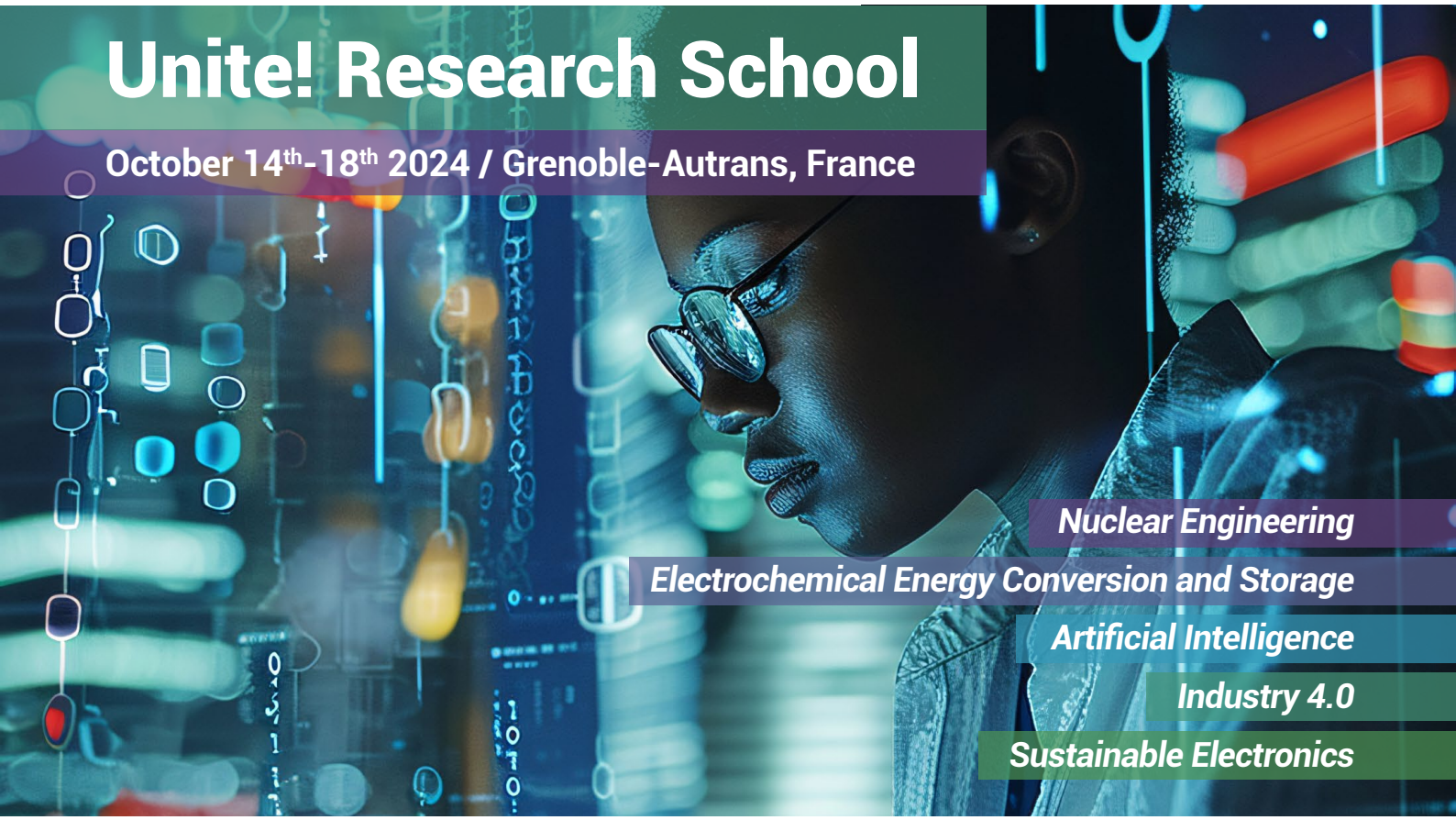
unite! University Network for Innovation, Technology and Engineering

GRENOBLE INP UGA

UGA Université Grenoble Alpes

Unite! Research School

October 14th-18th 2024 / Grenoble-Autrans, France



Nuclear Engineering

Electrochemical Energy Conversion and Storage

Artificial Intelligence

Industry 4.0

Sustainable Electronics

For the first time, the Unite! Research School will bring together MSc and PhD students, as well as researchers from across Europe, in the fields of Nuclear Engineering, Electrochemical Energy Conversion and Storage, Artificial Intelligence, Industry 4.0, and Sustainable Electronics.

Over the course of five days, participants will discover and explore the Unite! research ecosystem through an intensive and motivational programme featuring:

- **Lectures and plenary sessions** in each of the Unite! strategic fields
- **Transversal skills** courses
- **Meetings** with others MSc and PhDs students, researchers and industry representatives.
- A **research challenge** with mixed teams MSc/PhD/Researchers
- Several **visits** of large instruments and research Infrastructures in Grenoble Area.

The Unite! Research School is a **Blended Intensive Prgramme** (BIP) corresponding to **3 ECTS credits**.

Who? **MSc and PhDs students**
When? **October 14th-18th 2024**
Where? **In the mountains near Grenoble**
How to registrer? **metacampus.unite-university.eu**
Any question? **URW@univ-grenoble-alpes.fr**
+ info about Unite! : **www.unite-university.eu**

REGISTER NOW!

Free registration, including accomodation and meals.

Join the Unite! Research community by taking part in this event organised especially for you.

Co-funded by the European Union

FRANCE 2030

TECHNISCHE UNIVERSITÄT DARMSTADT | Aalto University | TU Graz Graz University of Technology | GRENOBLE INP UGA | KTH | Politecnico di Torino | U LISBOA UNIVERSIDADE DE LISBOA | UNIVERSITAT POLITÈCNICA DE CATALUNYA BARCELONATECH | Wrocław University of Science and Technology

WEEK PROGRAMME

Monday	Tuesday	Wednesday	Thursday	Friday
Arrival in Grenoble	Plenary talks	Scientific courses	Industry presentations	Visits of research infrastructures and industries
Opening Session	Scientific courses	Transferable skills	Forum	Challenge results
Transfer to Autrans and installation	Transferable skills	Work on challenge	Work on challenge	Departure
Presentation of the challenge	Pres. of research infrastructures	PhD and researcher testimonies	Networking	
	Work on challenge		PhD presentations	

COURSES SELECTION

Build your own programme through your choices

4 Plenary talks

- Advanced decision making for data-driven production and supply chain management
- Electro-chemical and thermo-chemical pathways for the production of sustainable chemicals
- Nurturing the future of microelectronics for a sustainable tomorrow (GreenChips-EDU)
- Towards a Theory for Trustworthy AI

Lectures in 1 scientific specialty (select one):

Industry 4.0	Sustainable electronics	Artificial intelligence	Nuclear Engineering *(only for MSc)*	Electrochemical energy conversion and storage *(only for PhD)*	Hydrogen Vector *(only for PhD)*

Transferable skills lectures

- Empowering futuristic minds for responsible innovations
- Confidence: from body language to scientific communication and grant writing
- Open science: putting policy into practice

Scientific tools for research lectures (select one):

Electronic laboratory notebook for collaborative research	ChatGPT as support for research

Industry meetings and challenges

- Mixed groups of MSc/PhD will propose innovative solutions on research topics.
- Visits of ESRF, LNCMI, ST Microelectronics, Schneider Electrics, CEA-LETI, CEA-LITEN, LTM, G2ELAB...

Register before*:	
Online:	**metacampus.unite-university.eu**
Local contact:	

**The Application deadline is fixed by your own university.*

Registration is free and includes accommodation and meals from Monday 14th October to Friday 18th October 2024.

You may apply for an Erasmus+ scholarship or other funding programmes from your own university to help cover travel costs. Every university is responsible for selecting their students upon their own selection criteria.