

DEEP TECH 2M

Deeptech & Innovation School

Monday 16th - Friday 20th October 2023

www.deeptech2m.eu

[Register](#)



About



[Register](#)

As part of EIT's (European Institute of Innovation and Technology) initiative to train 1 million people skilled in Deeptech by 2025, DEEPTech 2M are running a weeklong online school as part of our pledge.

DEEPTech 2M is a partnership between 5 universities (Ireland, Serbia, France, Greece and Spain) and four deeptech entities with a vision to become the leading European initiative to empower innovators and entrepreneurs in Deeptech.

This online deeptech school is designed to introduce students, academics, non-academic and commercial people to deeptech. The school is five days long from 9am to 5pm CET. Additional reading material is also provided. For participants that complete the questions during the school and complete the additional reading requirements will receive a Certificate of Attendance.

The presentations are of Masters level and cover a wide range of topics including team development, 3D printing, energy and AI, which are given by both professional and academics.



MONDAY

DEEP TECH 2M

Deeptech & Innovation School

Title: Industry 4.0 & Smart Manufacturing
Host: Prof. Fatima Zivic, University of Kragujevac

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Times are CET

- | | | |
|---------------|---|--|
| 09.45 - 10.00 |  | Registration to the Zoom Platform |
| 10.00 - 10.10 |  | Prof. Dermot Brabazon, Dublin City University
Opening of the Online School |
| 10.10 - 10.30 |  | Sergio Balassone, EIT Digital
European Institute of Innovation and Technology (EIT) |
| 10.30 - 11.00 |  | Terence Bowden, Dublin City University
Shallow Tech V's Deep Tech |
| 11.00 - 11.30 |  | Prof. Fatima Zivic, University of Kragujevac
Smart Materials |
| 11.30 - 12.00 |  | Q&A Session, Break |
| 12.00 - 12.30 |  | Dr. Eanna McCarthy, Dublin City University
Additive Manufacturing as a Digital Technology to support Flexible Manufacturing |
| 12.30 - 13.00 |  | Etienne Lemaire, University of Tours
Fablab Compatible Partially 3D Printed Piezoelectric Composite |
| 13.00 - 13.30 |  | Benoît Riou, ST Microelectronics, France
Metallization Challenges for Powder Devices |
| 13.30 - 14.00 |  | Terence Bowden, Dublin City University
Video recordings from Start-ups pitching for Investment |
| 14.00 - 15.00 |  | Q & A Session, Lunch |
| 15.00 - 15.30 |  | Barthélémy Serres, University of Tours
ILIAD3: an Applied Research Competence Center for AI-based Image and Data Processing |
| 15.30 - 16.00 |  | Q & A session, End of Day 1 |



TUESDAY

DEEP TECH 2M

Title: Innovation & Entrepreneurship

Host: Prof. Emer Ní Bhrádaigh, Dublin City University

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Times are CET

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|---------------|---|---|
| 10.00 - 10.30 |  | Prof. Emer Ní Bhrádaigh, Dublin City University
From Idea Generation to New Enterprise Creation: Support in HEI's and in general |
| 10.30 - 11.00 |  | Prof. Emer Ní Bhrádaigh, Dublin City University
Pitching for Support: Focus on the Customer, End User, Funder |
| 11.00 - 11.30 |  | Prof. Yorgos Goletsis, Nikolaos Alexandros Theodorou, University of Ioannina
From Lab to the Marketplace |
| 11.30 - 12.00 |  | Q&A Session, Break |
| 12.00 - 12.30 |  | Prof. Emer Ní Bhrádaigh, Dublin City University
Introduction: Practical Pitching Projects of Participants |
| 12.30 - 13.00 |  | Terence Bowden, Dublin City University
Practical Entrepreneurship in an University Setting - Startup Experience from DCU Alpha |
| 13.00 - 13.30 |  | Terence Bowden, Dublin City University
Mentoring Basics |
| 13.30 - 14.00 |  | Iker Egizabal, Team Coach & Researcher Mondragon University
Design Thinking as Problem-Solving Methodology |
| 14.00 - 15.00 |  | Q & A Session, Lunch |
| 15.00 - 15.30 |  | Terence Bowden, Dublin City University
Deeptech Team Dynamics |
| 15.30 - 16.00 |  | Dr. Ruairi Monaghan, Nuwave Sensors
Strategy for Innovation at Nuwave |
| 16.00 - 16.30 |  | Q & A Session, End of Day 2 |



WEDNESDAY

DEEP TECH 2M

Title: Innovation & Entrepreneurship

Host: Dr. Laida San sebastian Larzabal, University of Mondragon

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Times are CET

10.00 - 10.30



Sain Lopez PhD - Team Coach and Researcher, Mondragon University
Entrepreneurship & Innovation Ecosystems

10.30 - 11.00



Maitane Martin - Team Coach and Researcher, Mondragon University
Open Innovation: Challenges and Opportunities

11.00 - 11.30



Ziortza Olano - BBF Coordinator and Team Coach, Mondragon University
Teampreneurship and New Educational Models

11.30 - 12.00



Q&A Session, Break

12.00 - 12.30



Unai Iraola PhD - Lecturer and Researcher, Mondragon University
Batteries, a Key Element in the Energetic Transition: Future Challenges

12.30 - 13.00

Dr. Ronan McCann, South East Technology University, Ireland
Photonics as a Tool for Deeptech

13.00 - 13.30



Jon del Olmo PhD - Lecturer and Researcher, Mondragon University
Electric-drives, New Challenges

13.30 - 14.00



Dan Duncan, Ex-President, Association University Research Parks & Nebraska Innovation Campus
NIC a 10 Year Process to Build an Innovation Engine

14.00 - 15.00



Q & A Session, Lunch

15.00 - 15.30



German Anitua - Lecturer and Researcher, Mondragon University
Trends: Routes Towards Entrepreneurial Opportunities

15.30 - 16.00



German Anitua - Lecturer and Researcher, Mondragon University
Commercialisation of Technology Based Innovations

16.00 - 16.30



Jon Enriquez - CEO & Founder
VIDEXT: Startup Story: Creating Video From Text in Seconds

16.30 - 17.00



Q & A Session, End of Day 3



THURSDAY

DEEP TECH 2M

Title: Innovation & Entrepreneurship
Host: Prof. Ana Kaplarevic, University of Kragujevac

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Times are CET

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|---------------|---|---|
| 10.00 - 10.30 |  | Prof. Boban Stojanovic, University of Kragujevac
AI-driven innovations in manufacturing and business |
| 10.30 - 11.00 |  | Vladimir Cvjetkovic, University of Kragujevac
Application of Internet of Things (IoT) - Case Studies |
| 11.00 - 11.30 |  | Prof. Milos Ivanovic, University of Kragujevac
Supercomputing and Big Data - Industry Use Cases |
| 11.30 - 12.00 |  | Q&A Session, Break |
| 12.00 - 12.30 |  | Prof. Velibor Isailovic, University of Kragujevac
Practical Application of Machine Learning (ML) in the Development of New Products and Services |
| 12.30 - 13.00 |  | Prof. Inam Ul Ahad, Dublin City University
Critical Raw Materials for a Resource Efficient Circular Economy |
| 13.00 - 14.00 |  | Prof. Cécile Autret Lambert, University of Tours, Greman Laboratory
The Fuel Cell: An Energy Converter of the future |
| 14.00 - 15.00 |  | Q & A Session, Lunch |
| 15.00 - 15.30 |  | Fabien Berger, CEO, Fractal Energy
Residential Energy Storage for Demand-side Management and Grid Flexibility |
| 15.30 - 16.00 |  | David Moore, CEO, Viska Systems
A Guide to Success - Practical Implementation of Deep Learning Solutions in Industry |
| 16.00 - 16.30 |  | Sergeii Shelpuk, CEO, DeepTrait
How to Design Your AI Initiative Around the Business Value |
| 16.30 - 17.00 |  | Terence Bowden, Dublin City University
Video recordings from Start-ups pitching for Investment |
| 17.00 - 17.30 |  | Q&A Session, End of Day 4 |



FRIDAY

DEEP TECH 2M

Title: Innovation & Entrepreneurship
Host: Prof. Yorgos Goletsis, University of Ioanina

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Times are CET

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|---------------|---|---|
| 10.00 - 10.30 |  | Nicolas Perdriaux, S2E2
Financing Deeptech, The Role of Support Organisations in Guiding Startup Through the Dark |
| 10.30 - 11.00 |  | Prof. Konstantinos Papaloukas, University of Ioannina
AI, Big Data and Health |
| 11.00 - 11.30 |  | Dr. Demetris Gerogiannis, University of Ioanina
AI as a Catalyst for Business Transformation. Examples, Opportunities and Challenges |
| 11.30 - 12.00 |  | Q&A Session, Break |
| 12.00 - 12.30 |  | Dr. Demetris Gerogiannis, University of Ioanina,
How to Prepare your Organisation for the Data Economy |
| 12.30 - 13.00 |  | Dr. Laida San Sebastian, University of Mondragon,
Selling Techniques Basics (I) :10 (or more) Tips for Those who Feel it's not Their Cup-of-tea |
| 13.00 - 14.00 |  | Dr. Laida San Sebastian, University of Mondragon,
Selling Techniques Basics (II) :10 (or more) Tips for Those who Feel it's not Their Cup-of-tea |
| 14.00 - 15.00 |  | Q&A Session, Lunch |
| 15.00 - 15.30 |  | Marko Radovic, DragoLjib Rajic, Rail Cluster for Southern Europe
Usage of Advanced Technologies in European Mobility Industry |
| 15.30 - 17.00 |  | Prof. Yorgos Goletsis UOI, Prof. Emer Ní Bhrádaigh DCU
Student Pitch Masterclass - Feedback and Suggestions |
| 17.00 - 17.30 |  | Q & A Session, End of Day 5 |



Partners



Dublin City University, Ireland
<https://www.dcu.ie/>



University of Kragujevac, Serbia
<https://en.kg.ac.rs/>



Université de Tours, France
<https://international.univ-tours.fr/>



University of Ioannina, Greece
<https://www.uoi.gr/en/>



Mondragon University, Spain
<https://www.mondragon.edu/>



ST Microelectronics, France
<https://www.st.com/>



Deep Trait, Poland
<https://www.deeptrait.ai/>



Business Support Network, Serbia
<http://bsn.rs/en/>



Viska Systems, Ireland
<https://viska.ie/>

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