

Engineering and Science for a Sustainable World

09.05.2024

Faculty of Science, Technology and Engineering Research day

University of Vic - Central University of Catalonia

Venue: Sala Segimon Serrallonga

9.00 - 9.10h

Welcome by the Vice-rector of International Relations

Dr. Josep Bau and the Dean Dr. Malu Calle

Brief introduction of the event and research groups by

Dr. Carlo Manzo

9.10 - 10h

Integrating clinicians, knowledge and data: expert-based cooperative analysis in healthcare decision support.

Dr. Karina Gibert i Oliveras, Head Director of Intelligent Data Science and Artificial Intelligence Research Center (IDEAI-UPC)

10 - 10.15h

Machine learning for wound care.

PhD student Lorena Casanovas

10.15 - 10.30h

Machine learning and video games for predicting cognitive profiles.

PhD student Josep Hornos

10.30 - 10.45h

Computational Mechanics and Automatic Learning for diagnosing and treating ischemic stroke.

Dr. Miquel Aguirre

10.45 - 11.10h: Coffee break

11.10 - 12.00h

Ecodesign strategies for photovoltaics.

Dr. Delfina Muñoz, Strategic project manager & senior researcher of National Institute of Solar Energy (INES) Grenoble, France (CEA.Liten, INES)

12.00 - 12.15h

Germanium devices for low-cost thermophotovoltaic applications. PhD student Mansur Mohammed Ali

Gamel

12.15 - 12.30h

Generative AI for personalizing the gaming experience. PhD student Jonathan Gómez

12.30 - 13.20h

Planetary Health. Dr. Cristina O'Callaghan, Associated professor and researcher at UOC and ISGlobal

13.20 - 15.00h: Snack lunch

15.00h - 17.00h

Round table on career paths

Participants:

Cristina O'Callaghan (Associated professor and researcher at UOC and ISGlobal), Derek Latil (Founder and CEO of Algemy), Anna Bigas (Group leader at the Hospital del Mar Research Institute; Scientific director of the CIBER oncology; Vice-director of pre-clinic research at Josep Carreras leukemia research institute), Diana Ballart (CEO and Co-Founder of The Smart Lollipop), Salva Ferré (Co-director of Eduscopi)

Please, register before April 26th at::

<https://forms.office.com/e/QNhiOG4Cqq?origin=lprLink>

To get a certificate of attendance go to:

<https://campus.uvic.cat/?a=36&s=2&id=1369>

(Campus Virtual- Comunitat>CIFE>Inscripció oberta)

These activities have been partially founded by the Vice-Rectorate of Research and Knowledge Transfer, through the call for the organization of activities in the field of scientific dissemination and research training 2024, and the Doctoral School of the University of Vic-Central University of Catalonia.

Organize



Collaborate

