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HARNESSING ENERGY: THE ONLY SOLUTION FOR A VIABLE FUTURE

Saturday, 2 September 2023 09:00 (50 minutes)

Abstract: In the current rise of environmental challenges and depletion of conventional energy sources the quest for a viable future requires a profound transformation in the world's energy landscape. This seminar will explore definitions, conventional and renewable sources, storage, integration of smart grids, optimisation of resource utilization and minimisation of waste. Emphasis will be given on the importance of education and on the global contribution to a fast and efficient energy transition.

Lecturer: Cinzia Da Và is a Professor of Physics at the University of Manchester UK, and currently a visiting Professor at Stony Brook University USA.
She is an expert in innovative radiation detectors for High-Energy Physics and Medical applications. She is the co-chair of the Independent
Committee of the ATTRACT Initiative to promote Radiation Imaging Technology research across different fields of application in Europe.
She is a member of Institute of Electrical and Electronic Engineering, (IEEE), Nuclear and Plasma Society (NPSS) Transnational Committee, representing the United Kingdom and the 2019 Nuclear Science Symposium Chair. Since 2022 she is the NPSS liaison to the IEEE Technical
Activities Board Program on Climate Change and a member of the Technical and Innovation Group of the European Physical Society. She is the Chief Editor of the Frontiers in Physics Radiation Detector and Imaging Journal (Text informed by Lecturer).

Presenter: Prof. DA VIA, Cinzia (University of Manchester (GB))

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