
International Day of Women and Girls in Science Event

Thursday 11th February 2021, 10-12:30 via Microsoft Teams

[Click here to join the meeting](#)

10:00-10:10	Welcome & Introduction, Dr Marina Leontiadou (Salford University)
10:10-10:25	Prof Haifa Takruri-Rizk (Salford University)
10:25- 10:55	Dr Myfanwy Lloyd (University of Manchester)
10:55- 11:25	Dr Nair López Martínez (Universidad Autónoma de Madrid)
11:25- 11:40	Dr Ozgur Apsimon (University of Liverpool)
11:40- 12:30	Discussion

For any enquiries, please contact Dr Marina Leontiadou (m.leontiadou@salford.ac.uk).

IOP | Institute of Physics
Juno Practitioner

Invited Speakers

Prof Haifa Takruri-Rizk

(Professor, Associate Head Engagement, Salford University)



Professor Takruri-Rizk is an academic leader in the School of Science, Engineering & Environment at Salford University, with a multidisciplinary research portfolio including: experience in electronics, mobile networking and wireless sensor networks; investigating the organisational cultures and workplace practices in science, engineering, and technology (SET) higher education and industry. Through her research and initiatives to address the participation of women and ethnic minorities in SET, she has worked with well-established national and local organisations such as the BBC, Opportunity Now, Royal Academy of Engineering, Skillset, Equal Opportunities Commission, Women's Engineering Society, UK Resource Centre for Women in SET, Science, Engineering, Manufacturing and Technologies Alliance (SEMTA) and many others. She is also a recognised advocate for equality and diversity at the University.

In 2009, she was awarded MBE for services to Women, Black and Minority Ethnic people in Science, Engineering and Technology Education. She was also elected as the academic representative member of University Council in recognition of her long-standing work and contribution to the University. In 2010 she was awarded the Ministry of Defence sponsored Muslim News award for excellence in science, engineering and technology.

Dr Myfanwy Lloyd

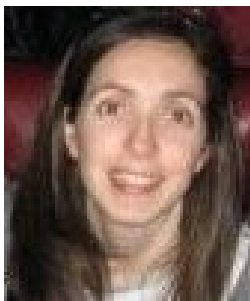
(Senior Lecturer in astrophysics, University of Manchester)



Dr Lloyd grew up in the north of Scotland, did her first degree in physics in Aberdeen and then came to Manchester to do a PhD in astrophysics. She has been in Manchester ever since, first as a postdoc and then as a lecturer. She is a mother of two children, both now at university, and her career has evolved in part in response to her family situation and her attempt to find a good work-life balance, all of which means that she has worked part time for many years and when her children were young she took an 18-month career break.

Dr Nair López Martínez

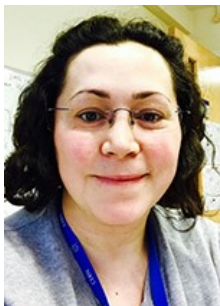
(ERC Early-career Scientist, Universidad Autónoma de Madrid)



Dr. López Martínez has developed her research career in the solar energy field. She was awarded two postdoctoral fellowships at the Lawrence Berkeley National Laboratory to develop multiband solar cells (MSC), having obtained, together with Prof. Walukiewicz, the first multiband solar cell. In 2012, she was awarded a Marie Curie International Incoming fellowship. Under the project HIMAMIS she transferred the technology and the *know-how* of the MSC from USA to EU joining the “Electronic and Semiconductor” group at UAM. Currently, she was awarded with the prestigious European Research Council (ERC)-Starting Grant reinforcing her scientific career and becoming one of the most important experts in the field of multiband solar cells. She is the author of the most relevant papers in the field of multiband solar cells having generated theoretical models and experimental characterizations of the most crucial properties being co-author in more than 50 papers published in journals and international conferences and having more than 2500 citations. She was also invited by European Commission as an expert in solar panel in the EU Sustainable Energy Week 2015.

Dr Ozgur Apsimon

(Research Coordinator, University of Liverpool)



Dr Apsimon studied Physics and Engineering in Hacettepe University (Turkey) followed by an MSc in accelerator physics, specifically, on the design of an infra-red free electron laser in Ankara University. In parallel of these studies, she also took part in tests and conditioning of radio-frequency accelerating structures for the Compact Linear Collider (CLIC) project at CERN. She continued her activities at CERN as a member of the CLIC project and then as a PhD student obtaining her degree in 2011. Her engagement with CERN continued as a research fellow (2011-2013). In 2013, she joined the Cockcroft Institute of Accelerator Science and Technology as a postdoctoral research associate to work on CERN's unique, proton driven plasma wakefield accelerator project AWAKE where her work focused on a range of topics including external electron injection and emittance diagnostics for AWAKE. In September 2020, she joined the University of Liverpool as a research coordinator and is currently involved in a range of projects relating to AWAKE.
