



# EMPOWER-6G Newsletter Issue 2

Marie Skłodowska-Curie Actions (MSCA)  
Insights and Innovations in 6G Research and Development

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EMPOWER-6G Team

September 30, 2025



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NO 101120332

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# EMPOWER-6G at ISE 2025: Shaping the Future of Connectivity

February, 2025

ISE 2025



- Our **EMPOWER-6G** PhD candidates from IQADRAT showcased groundbreaking 6G innovations, demonstrating converged optical-wireless configurations and Cell-Free technologies.
- We also presented a joint demo with our partner Brainstorm, highlighting immersive technology and advanced networks.
- Thank you to everyone who visited and engaged with our team!



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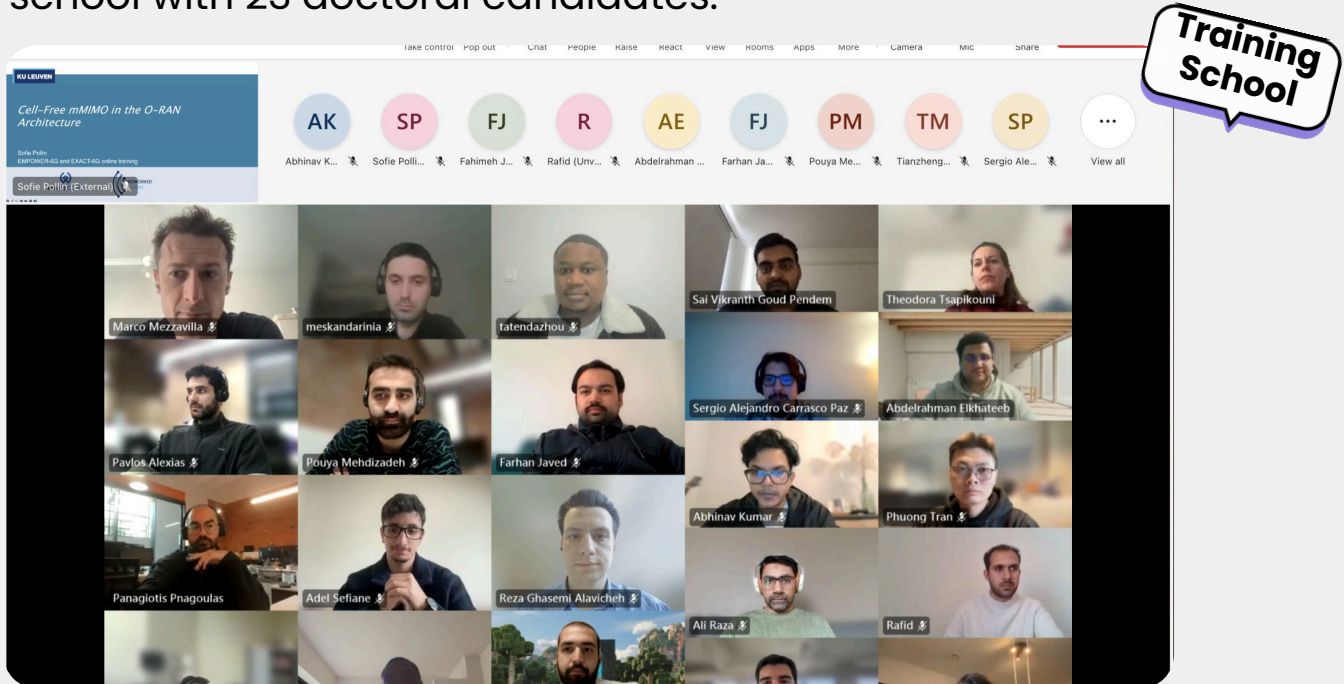
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# Successful Completion of EMPOWER-6G & EXACT-6G Training School

March, 2025

- **EMPOWER-6G** and EXACT-6G hosted an intensive training school with 23 doctoral candidates.



- The program covered 6G visions, network automation, energy efficiency, AI-driven communications, and mobile transport.
- Experts from academia and industry delivered lectures and interactive sessions, equipping researchers with tools to tackle emerging 6G challenges.

Project's 1st video clip is published → <https://www.youtube.com/@empower6g>



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# EMPOWER 6G Welcomes the 11th High School of Patras for a Hands-On Tech Experience

*April, 2025*

- On April 4th, **EMPOWER-6G** hosted students from the 11th High School of Patras at the University of Patras, in collaboration with the SMARTCH group of ISI Athena.

**High School Visit**



- Students explored 5G, 6G, and AI technologies, and experienced a live VR demonstration showcasing advanced network applications. Special thanks to Dimitrios Koutsomitropoulos for organizing this inspiring event.



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## Alberto Otero Casado Presented Research at ONDM 2025

*May, 2025*

- Alberto Otero Casado successfully presented his research at the 29th International Conference on Optical Network Design and Modelling (ONDM 2025) in Pisa, Italy.



- Representing Chalmers University of Technology and Infinera, Alberto contributed valuable insights to optical network design and modelling. Congratulations to Alberto for his impactful presentation.



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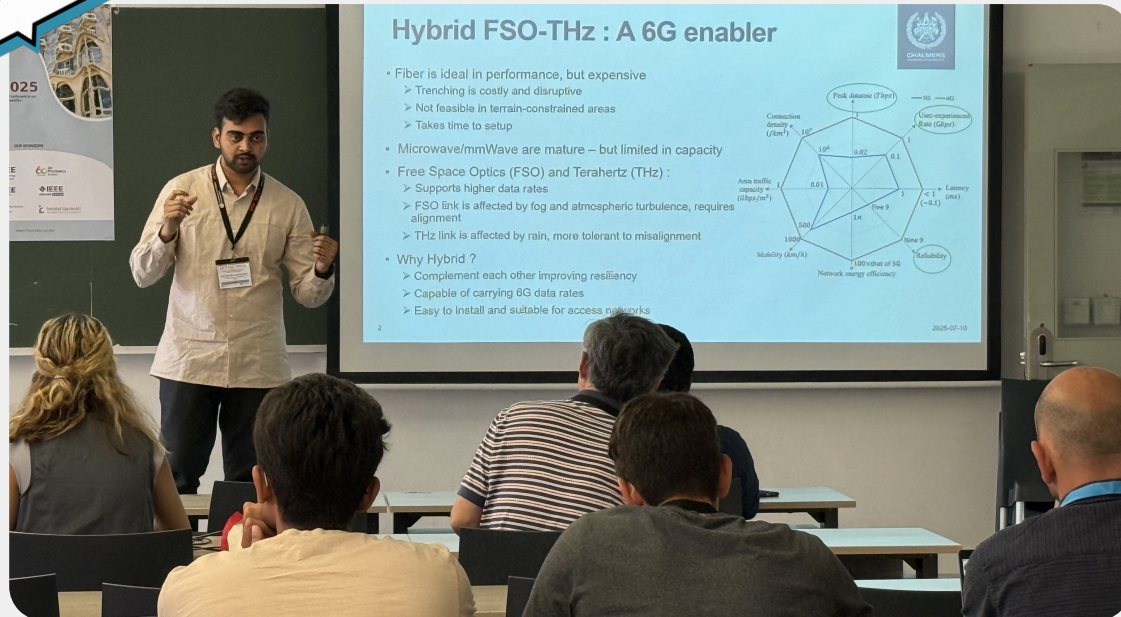
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# Sai Vikranth Pendem Presents Groundbreaking Research on Hybrid FSO–THz Technologies

July, 2025

ICTON 2025  
Barcelona, Spain



- Sai Vikranth Pendem presented pioneering research at ICTON 2025 in Barcelona. The study, co-authored with researchers from Chalmers University and Nokia, explores integrating Free Space Optics and Terahertz technologies in next-generation networks.
- The presentation received strong interest, highlighting the growing relevance of hybrid optical–wireless solutions for 6G.



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