



**Politecnico  
di Torino**

Department of Energy  
"G.Ferraris"



## PEIC Seminars

### Introducing Visiting Researchers

PEIC and DENERG are pleased to invite you to a departmental seminar to welcome and introduce two visiting researchers: **Dr. Vasyl Varvolik**, post-doc researcher from JKU, Linz and **Jaesung Choi**, PhD student from Inha University, Incheon.

The seminar will be held in Sala Multimedia (DENERG Door 3, Floor 2) on Wednesday July 23, 2025, at 16:00, with the following agenda:

- 16:00-16:05: welcome and introduction
- 16:05-16:25: presentation from Dr. Vasyl Varvolik
- 16:25-16:45: presentation from Jaesung Choi
- 16:45-17:00: Q&A

#### Speaker bios:



**Vasyl Varvolik** received the M.Sc. degree in Electrical Engineering from the National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", Kyiv, Ukraine in 2018, and a Ph.D. degree from the University of Nottingham, Ningbo, China in 2024. He is currently a Postdoctoral Researcher with the Institute of Electric Drives and Power Electronics, Johannes Kepler University, Linz, Austria.



**Jaesung Choi** was born in Suwon, South Korea, in 1998. He received the B.S. degree in electrical engineering in 2024 from Inha University, Incheon, South Korea, where he is currently working toward the M.S. and Ph.D integration degree in electrical and computer engineering. His current research interests include the design of electric machines, multi objective design optimization, core loss modeling, structural analysis, and reduction design of ac losses.