



ALLEGET'25 Program

Date: Tuesday, 24/06/2025

Oral presentations: 15 minutes maximum for presentation followed by a 5-minute session for Q&A

IE Conference program information: <https://www.ie2025.fraunhofer.de/program/>

Please, take into account that **ALL TIMES ARE CEST (UTC+2)**. Check your time zone area to adjust the time accordingly!

Time	Activity
13:30-13:40	Opening
13:40-14:20	Keynote: From ambient to space and back ... with a little help from machine learning <i>Bogdan Ruszczak</i>
14:20-14:40	The Role of semantic Models in constraining Pattern Recognition in Modern AI Systems <i>Felix Schaller</i>
14:40-15:10	Coffee Break
15:10-15:30	Vertical Projected Area Measurement Method Using Semantic Segmentation for Crop Growth Prediction <i>Rintaro Ito, Nobutada Fujii, Tekehide Soh, Shinichi Nakano</i>
15:30-15:50	Leveraging Artificial Intelligence to Forecast Bird Sightings and its Visualization with Augmented Web Technologies <i>Juan Morales-Garcia, Paula Gonzalez-Martínez, Jose Melgarejo-Hernandez, Paula García-Tapia-Mateo, Irene Garriogos, Jose-Norberto Mazon</i>
15:50-16:10	Configuring the transformer-based electricity market predictions using ant colony optimization <i>Jakub Sahs, Bogdan Ruszczak</i>
16:10-16:30	Reinforcement Learning in de novo Molecular Design: Comparative Review of REINVENT 4, MolDQN, and ORGANIC <i>Arjun Subramanian, Connor Taylor</i>
16:30	Closing