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List of Nominees 2024

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Scientific References in Standards | S+I Awards

PROJECTS

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BIMprove +

TREASURE -leading the TRansion of the European Automotive SUpply chain towards a circulaR futurE +

e-SHyIPS - Define the new guidelines for an effective introduction of hydrogen in maritime passenger transport sector +

eTaxi Austria - Automated Charging via Matrix Charging® of Urban Battery-electric Taxi Fleets –

Nominated by ASI - Austrian Standards International

Automated charging is a central technology of the car of the future. As a convenience feature, it not only eliminates handling of a charging cable, it's also a key technology at the interface between the energy and mobility sectors capable of making a crucial contribution to better integration of electric vehicles into the power grid, thereby promoting the use of renewable energy. Matrix Charging®, developed by Easelink, is one of the world's leading automated charging technologies. Thanks to conductive energy transfer and the unique design approach, this technology offers major advantages in efficiency and production costs over inductive charging.

Matrix Charging® is currently deployed in the eTaxi Austria project of the cities of Vienna and Graz, the world's largest pilot project for automated charging. The aim of the project is to demonstrate barrier-free, automated charging points at taxi stands as a key step to-wards the electrification of urban taxi fleets. The 60 taxis retrofitted with Matrix Charging® are engaged in real-world operations and can charge up automatically at 60 charging points. The insights from the project are transferred to other fleet projects, shared within standardization committees, and serve as valuable inputs for the series production of the Matrix Charging® technology.

CHARISMA - Characterization and harmonization for industrial standardisation of advanced materials +

INKplant - Ink-based hybrid multi-material fabrication of next generation implants +

IT4PQ - Measurement methods and test procedures for assessing accuracy of instrument transformers for power quality measurements +

Researchers

Expand/Collapse All

Prof. Dr.med.univ Kurt ZATLOUKAL +

Dr. Kira OBERSCHMIDT +

Arianna BIONDA +

Giovanni DI ILIO +

Dr. Anne RONNING +

Henk DE VRIES +

Gabriel PESTANA +

Dr Charles CLIFFORD +

Gizem YARDIMCI +

Young Researchers

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Luzie KROMER +

Divyanshu SOOD +

Alessio TARTARO +

Lorenzo GANDINI +

Maria HARTMANN, University of Luxembourg +

Abigail HORGAN, Rotterdam School of Management, Erasmus University +

Helena ROSÁRIO DA COSTA, Instituto Superior Técnico, Universidade de Lisboa +

João Pedro Cardoso VIEIRA, Instituto Superior Técnico – University of Lisbon +