

Track 3: Industrial and Power Electronics & Energy Systems
Part 1

August 28, 2021

Moderator: Vadym Makarov

Please click the link below to join the webinar (Passcode: 703102):

<https://zoom.us/j/96179045162?pwd=S25MQ0JCOTN3ZlpGb2thaWxYWUM3dz09>

Time	EasyChair #	Speaker	Organization, Country	Topic
14:00 - 14:15	12	Vadym Makarov	NTU "Kharkiv Polytechnical Institute", Ukraine	The Features of the Active Battery Balancing Systems
14:15 - 14:30	147	Sergei Peresada	Igor Sikorsky Kyiv Polytechnic Institute, Ukraine	Parameters identification for self-commissioning of DC-DC boost converters
14:30 - 14:45	93	Sergei Peresada	Igor Sikorsky Kyiv Polytechnic Institute, Ukraine	Sensorless Speed Control of the Surface Mounted Permanent Magnet Synchronous Motors
14:45 - 15:00	36	Ihor Shchur	Lviv Polytechnic National University, Ukraine	Dual Battery Powered Drive System Using an Open-End Winding Brushless DC Motor
15:00 - 15:15	44	Oleksandr Makarchuk	Lviv Polytechnic National University, Ukraine	Analysis of the magneto-mechanical characteristic of double three-phase PMSM
15:15 - 15:30	49	Navid Amiri	The University of British Columbia, Canada	Constant-Parameter Discretized State-Space Model of Saturable Induction Machines for Fixed Time-step Simulations
15:30 - 15:45	26	Petro Leznyiuk	Vinnitsia National Technical University, Ukraine	Analysis of the Electrical Networks Functioning Quality of with Photovoltaic Power Plants
15:45 - 16:00	86	Dmytro Danylchenko	NTU "Kharkiv Polytechnical Institute", Ukraine	Accounting For The Effect Of PV Panel Dustiness On System Performance With Correction For Panel Cleaning For Matlab Simulink
16:00 - 16:15	11	Roman Zaitsev	NTU "Kharkiv Polytechnical Institute", Ukraine	Study of a Hybrid Photovoltaic Solar Station with High-Voltage Converters