

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

August 28, 2021

Moderator: Iryna Ivasenko

Please click the link below to join the webinar (Passcode: 720691):

<https://zoom.us/j/98705082595?pwd=NW9XOEEdaY2M2S3ZxS3BZa3F3SHZ1dz09>

Time	EasyChair #	Speaker	Organization, Country	Topic
15:00 - 15:15	126	Taras Mysak	Institute of Electrodynamics of the NASU, Ukraine	Sliding mode current control based on space-vector operation technique for active power filter
15:15 - 15:30	55	Nataliya Krasnoshapka	Igor Sikorsky Kyiv Polytechnic Institute, Ukraine	Magnetization of the Magnetic Circuit of an Induction Motor with Massive End Ferromagnetic Screens
15:30 - 15:45	8	Oleksandr Plakhtii	Ukrainian state University of railway transport, Ukraine	Synthesis of a Regulator Recuperation Mode a DC Electric Drive by Creating a Process of Finite Duration
15:45 - 16:00	10	Yuriy Vasetsky	Institute of Electrodynamics of the NASU, Ukraine	Impulse processes in the system of electrodynamic treatment of welds
16:00 - 16:15	112	Iryna Vinnychenko	Admiral Makarov National University of Shipbuilding, Ukraine	Design Procedure of Static Characteristics of the Resonant Converters
16:15 - 16:30	60	Bohdan Kopchak	Lviv Polytechnic National University, Ukraine	Research of Transition Processes of Single-Phase Collector Motor With AC Voltage Controller Model Created on Project Design Data
16:30 - 16:45	69	Ihor Buratynsky	Institute of General Energy of the NASU, Ukraine	The optimization of PV-plant's DC/AC equipment ratio using the non-linear least-cost model
16:45 - 17:00	20	Roman Yershov	Chernihiv Polytechnic National University, Ukraine	Binary Space Topology Features in Applying to Transitional States Generation of Asynchronous Finite State Machine
17:00 - 17:15	70	Yuriy Vasetsky	Institute of Electrodynamics of the NASU, Ukraine	Three-Dimensional Pulsed Electromagnetic Field of Current Near Conducting Half-Space
17:15 - 17:30	139	Vadim Lobodzinskiy	Igor Sikorsky Kyiv Polytechnic Institute, Ukraine	Transient Analysis in Three-Phase Cable Lines with the Transposition Phase Cables Conductive Screens During Short Circuit Fault