IEEE SIBIRCON

Smart Energy

Симпозиум конференции IEEE SIBIRCON · Программа

ФОРМАТ
Онлайн, Zoom

ЧАСОВОЙ ПОЯС
Екатеринбург (UTC+5)

ДОКЛАДЫ
15 докладов · 10:00–13:10

ССЫЛКА НА ПОДКЛЮЧЕНИЕ
https://zoom.us/j/96170420649?pwd=K5ZYMe3RctHZ0RzlNgkLtEtT3clje4.1

Идентификатор конференции: **961 7042 0649** · Код доступа: **390296**

№	ВРЕМЯ	ДОКЛАДЧИК	НАЗВАНИЕ ДОКЛАДА
	10:00–10:10	**Alexandra Khalyasmaa**	Вступительное слово, открытие секции
1	**10:10–10:20**	**Natalia Cheganova**	Literature Review of Existing Approaches to Test Automation of Complex Software Systems
2	**10:20–10:30**	**Alina Stepanova**	Software Architecture for Short-Term Load Forecasting at Gas Industry Enterprises
3	**10:30–10:40**	**Pavel Matrenin**	Inference-Time Risk Estimation for Cloud Segmentation Using Mask Geometry and Grad-CAM
4	**10:40–10:50**	**Dmitry Kozlov**	Comparative Evaluation of Docker and Podman for Deploying Edge Services for Visual Data Processing of Electrical Equipment
5	**10:50–11:00**	**Eduard Degtyarenko**	Thermal State Estimation of an Electrical Submersible Pump Motor with a Neural-Network Approach
6	**11:00–11:10**	**Alexandra Khalyasmaa**	Architecture and Algorithms for Managing Heterogeneous Power Equipment Diagnostic Data
7	**11:10–11:20**	**Stanislav Eroshenko**	Mission-Aware Thermal Stream Scheduling for Robotic Substation Inspection
8	**11:20–11:30**	**Stanislav Eroshenko**	Joint Planning and Intelligent Operation of Isolated Hybrid Energy Systems: A Conceptual Framework
	11:30–11:45	**Перерыв**	
9	**11:45–11:55**	**Valeriia Borovskikh**	Assessing the Quality of Data from Low-resolution Infrared Cameras for Thermal Monitoring
10	**11:55–12:05**	**Ismoil Odinaev**	Detection of Current Transformer Saturation Using Machine Learning Algorithms

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11	12:05–12:15	Ivan Matveev	Evaluation of a Quadruped Robotic Platform for Inspection Tasks at Power Facilities
12	12:15–12:25	Sokhobiddin A. Akhatkulov	Irrational-Rotation Perturbed Cosine Learning Rate for Deep Learning-Based Defect Detection in Electroluminescence Images of Photovoltaic Cells
13	12:25–12:35	Olga Shindor	Intellectual Data Processing for Fluctuation-Noise Diagnostics of PEM Fuel Cell
14	12:35–12:45	Mohammad Imran Mir	Wide-Speed Hybrid Position-Sensorless Control of an 8/6 Switched Reluctance Motor With Resistance-Compensated Pulse Injection
15	12:45–12:55	Olga Pospoeva	Application of Graph Neural Networks for Predicting the Results of Selecting Control Actions in Emergency Control Systems for Power System Operating Modes
	12:55–13:10	Подведение итогов	