The Second International Conference on Artificial Intelligence and Power Engineering (AIPE2021)

17-19 December, 2021

Moscow, Russia

AIPE2021 Conference Program

AIPE2021

Conference Sponsors

Mechanical Engineering Research Institute of the Russian Academy of Sciences (IMASH RAN)

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http://www.icics.net

Polish Operational and Systems Society

http://www.ptbois.org.pl

Qinghai University

https://www.qhu.edu.cn

AIPE2021 Conference Schedule

Registration

Friday, 17 December 2021

AIPE2021 was originally scheduled to be held in Moscow during 17-19 December, 2021. The date "17 December 2021" was set as the registration day. Due to the epidemic, the conference has been changed to an online conference. Today, welcome all colleagues to discuss another forum "Artificial Intelligence and Systems Theory" by following video links –

Part 1- https://youtu.be/hkqYUv8Ar5E
Part 2- https://youtu.be/S0Ec5BeC5QQ

Oral Session

Saturday, 18 December 2021

ID	Time	Title and the video link of the papers	E-mail for questions to the presentation of the paper
1519	10:00-10:30	Conceptual Model of Agro-Industrial Cyborg	gurov-on@ranepa.ru
1520	10:30-11:00	Cluster analysis of the loading time-series with the aim of consistent durability estimation	gadolina@mail.ru
1528	11:00-11:30	Intellectual Biotechnical Systems in Livestock: Theoretical Aspects	geletiyd@gmail.com
1545	11:30-12:00	Intelligent Systems of Telemedicine Monitoring for Countryside and Agriculture	levelmoscow@mail.ru
1548	12:00-12:30	Neuroeconomic Modeling of Distributed Barter Systems	neurocomp.pro@gmail.com
1559	14:00-14:30	The use of vegetation indices in comparison to traditional methods for assessing overwintering of grain crops in the breeding process	smedia@vim.ru
1604	14:30-15:00	The Hybrid Detection Methodology of Attacks for 5G	miavich@cu.edu.ge
1606	15:00-15:30	Islanding and Grid Disturbance Detection Based on Multi-SVMs Delay Validation in Synchronous Dominated Microgrids	chenlk@whu.edu.cn
1607	15:30-16:00	Smooth Switching Strategy for Hydropower Microgrid with Auxiliary Load Shedding Control	zhangqiuping@whu.edu.cn
1608	16:00-16:30	Automatic identification technology for distribution terminals based on Unlicensed LPWAN	chenlk@whu.edu.cn

Oral Session

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Sunday, 19 December 2021

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ID	Time	Title and the video link of the papers	E-mail for questions to the presentation of the paper
1609	10:00-10:30	Multi-machine joint video tracking mechanism and its application for substation safety protection	henry3764@foxmail.com
1610	10:30-11:00	Substation Equipment Defect Identification Method based on Mask R-CNN Algorithm	henry3764@foxmail.com
1613	11:00-11:30	Comprehensive evaluation method and index system for electric-hydrogen-storage integrated energy network	suxiaoling@qhu.edu.cn
1615	11:30-12:00	Multi-objective Optimal Scheduling for Electricity Hydrogen ESSs Integrated Network in Chongli Winter Olympics Zone	369190173@qq.com
1621	12:00-12:30	The Evaluation Index System of Electric Power Industry Supply Chain Management Based on FAHP	jyzhong97@126.com
1622	14:00-14:30	Using the Morphological Approach by the Creation of Innovative Renewable Energy Sources at the Conceptual Design Stage	rdl@mail.ru
1639	14:30-15:00	Automation of the monitoring in metal cutting operations as fast-variable processes using artificial intelligence methods	a.spasenov@mail.ru
1649	15:00-15:30	Virtual simulation of the surgery of installing transitional implant dentures for the two-stage dental implant osteointegration period	tanyap.polyakova@gmail.com
1651	15:30-16:00	Methodology of a Comprehensive Assessment of the Potential of Regional Energy	letter-boxnm@yandex.ru
1653	16:00-16:30	A Concept of Cloud Knowledge Portal for Intelligent Decision Support in Additive Lattice Structure Formation from Aluminum Powder	vadim@dvo.ru

Note: Please click on the title of the paper to watch the video presentation. Each video is about 30 minutes. If you have any questions, please contact the author's email. The authors should reply to any questions of the paper in time. If you have any questions, please don't hesitate to contact us by email aipe@icics.net.