



Dedicated BRICS Session on New and Renewable Energy and Energy Efficiency at the International Conference "Renewable and Small Energy 2025 (R&SE-2025/ВнМЭ-2025)"

CONFERENCE AGENDA November 13, 2025 (Thursday)

Conference Call's Link: <https://meeting.tencent.com/dm/UiUuxcEWOjVw>
Meeting ID: 352-652-905

Time Zone: GMT+3 (Moscow)

No	Time	Presenter	Organization/ Position	Presentation	E-mail
1	11:00-11:15	Welcoming remarks on behalf of the BRICS Working Group: Evgenii Ignatev – Associate professor of the Department of Hydropower & Renewable Energy of National Research University "MPEI", Secretary of Russian BRICS Working Group on New and Renewable Energy and Energy Efficiency Konstantin Suslov - Professor of the Department of Hydropower & Renewable Energy of National Research University "MPEI", Member of Russian BRICS Working Group on New and Renewable Energy and Energy Efficiency			
2	11:15-11:30	Shi Jie	Associate Professor of University of Jinan (CHINA)	Short-term PV power forecasting based on VMD-SSA-LSTM	sps_shij@ujn.edu.cn
3	11:30-11:45	Ilia Shushpanov	Professor of the School of Artificial Intelligence, Shandong Women's University (CHINA)	Evaluation of optimal parameters of electric energy storages in a microgrid with electric charging stations and distributed generation based on renewable energy sources	lis83@mail.ru
4	11:45-12:00	Younes Noorollahi (presentation by Shayesteh Ebrahim)	Professor of the School of Energy Engineering and Sustainable Resources, University of Tehran (IRAN)	Energy Diversification Strategies for BRICS Oil-Rich Economies: Evidence from Iran's Renewable Energy Transition	noorollahi@ut.ac.ir

5	12:00-12:15	Alireza Fereidunian	Head of International Office for the Electrical and Computer Engineering Campus, Assistant Professor of Faculty of Electrical Engineering K. N. Toosi University of Technology (IRAN)	Voltage Forecasting and Control in Power Substations	fereidunian@eetd.kntu.ac.ir
6	12:15-12:30	Mehdi Khodaei	Associate Professor of Faculty of Materials Science and Engineering K.N. Toosi University of Technology (IRAN)	Synergistic Morphological and Dopant Engineering in Transition Metal Oxide Anodes for Lithium-Ion Batteries	khodaei@kntu.ac.ir
7	12:30-12:45	Negin Mirzaei	PhD-student of the School of Energy Engineering and Sustainable Resources, University of Tehran (IRAN)	Current Trends and Policy Frameworks in Wind Energy Development in Iran (2016–2025)	neginemirzaei@ut.ac.ir
8	12:45-13:00	Negin Mirzaei, Evgenii Ignatev	PhD-student of the School of Energy Engineering and Sustainable Resources, University of Tehran, Associate professor of the Department of Hydropower & Renewable Energy of National Research University "MPEI" (IRAN/RUSSIA)	Comparative Analysis of Solar PV Development in Iran and Russia (2020-2025): Installed Capacity, Technologies, and Policy Frameworks	neginemirzaei@ut.ac.ir, IgnatyevYV@mpei.ru
9	13:00-13:15	Chen Yuanchen	Associate Professor of Zhejiang University of Technology (CHINA)	Identification and environmental occurrence of novel per- and polyfluoroalkyl substances derived from lithium-ion battery	chenyuanchen1988@zjut.edu.cn

10	13:15-13:30	Andrey Achitaev	Leading specialist of the Department of Development of New Technologies and Small Hydropower, Department of Innovations of JSC "RusHydro" (RUSSIA)	Increase the Service Life of an AC-DC Converter Electrolyzer Operating as Part of a Wind Farm	AchitaevAA@rushydro.ru
11	13:30-13:45	Peter Shurkalov	Associate professor of the Department of Hydropower & Renewable Energy of National Research University "MPEI" (RUSSIA)	The use of supercapacitors in distributed energy systems with renewable energy sources	shurkalov.peter@yandex.ru
12	13:45-14:00	Evgenii Ignatev	Associate professor of the Department of Hydropower & Renewable Energy of National Research University "MPEI" (RUSSIA)	Using Locked Hydropower in the Murmansk Hub: Selecting One Best Sink – H2, Data Center, or Mining	IgnatyevYV@mpei.ru
13	14:00-14:15	Mohsen Salimi	Assistant Professor, Renewable Energy Research Department, Niroo Research Institute (NRI) (IRAN)	Designing the Future of Blue Hydrogen: Integrating Solar Energy and Direct Air Capture for Net-Zero Emissions	mohsensalimi2005@yahoo.com
SPECIAL GUESTS					
14	14:15-14:30	Fathi Brioua	Faculty member in the Department of Electrical Engineering within the Faculty of Science and Technology at Ahmed Draïa University of Adrar (ALGERIA)	Numerical Investigation of Electrode Effects (Ag and Al) on the Performance of P3HT: PCBM Bulk-Heterojunction Organic Solar Cells	brioua.f@univ-adrar.edu.dz

15	14:30-14:45	Messaoud Hamouda	Professor, Sustainable development and informatics Laboratory, Faculty of Science and technology at Ahmed Draïa University of Adrar (ALGERIA)	Renewable energies in Algeria: reality and challenges	mes.hamouda@univ-adrar.edu.dz
16	14:45-15:05	Ali Benatallah	President of Faculty, Laboratory of Energy and Environnement at Ahmed Draïa University of Adrar (ALGERIA)	Optimal Function and Lifetime of Photovoltaic Systems in Desert Climates Study and performance of hybrid PV wind Renewable Energy Systems in Algeria	ali.benatallah@univ-adrar.edu.dz