Monday, August. 14, 2023

Laining hotel

Room Shen Zhen Ting (深圳厅) - 6th floor

13:43-14:00 Study off Reliable Operation of Hydropower System and Turoffie-Generator Offits Guangfu, Zhan Lejun and He Xueyuan	10:00-12:00	Session: Hydi	raulic turbines Chair: Mohamed Farhat (EPFL)			
10.15-10:30 Research on incipient and critical cavitation of a Francis turbine Jing Yang, Liang Yao, Jie Liu, Zhe Ma, Yong Sun, Zhengwei Wang 10:30-10:45 Numerical Investigation of Performance and Flow Characteristics of Francis Turbine in Part Load Condition 19 10:45-11:00 Vortices Evolution Characteristics and Pressure Pulsations of Variable-speed Francis Turbine Changbing Zhang, Chongxun Wang, Yongqi Zhang, United Shen Valorida Liu, Chunhe Shen Valorida Liu, Changbing Zhang, Chongxun Wang, Yongqi Zhang, United Shen Valorida Liu, Changbing Zhang, Demin Liu, Chunhe Shen Van Chang, Jianfeng Li, Juan Yang, Ruiyuan Zhang, Belbei Xu, Zhaoqian Wang, 20 Valorida Liu, Changbing Zhang, Vingxia Zheng, Demin Liu, Chunhe Shen Valorida Liu, Changbing Zhang, Liangbing Zhang, Chongxun Wang, Yongqi Zhang, Valorida Liu, Changbing Zhang, Chongxun Wang, Yongqi Zhang, Valorida Liu, Changbing Zhang, Chongxun Wang, Pompad Starding Pang, Pang, Chongxun Wang, Pompad Starding Pang, Pang, Changbing Pang, Chongxun Wang, Pompad Starding Pang, Pa	Paper ID	Time	Paper Title	Paper Authors		
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10 10:30-10:43 Condition Big Mirza Umar, Xingxing rituang, Zhengwel Wang 10:45-11:00 Vortices Evolution Characteristics and Pressure Pulsations of Variable-speed Francis Turbine Wenquan Wang, Denin Liu, Chunhe Shen Xingting Fituang, Ziengwel Wang 20 11:00-11:15 Stability analysis of hydropower unit operation conditions considering hydro-turbine nonlinearity Yan Chang, Jianfeng Li, Juan Yang, Ruiyuan Zhang, Beibei Xiu, Zhaogian Wang Xingting Hu, Xiang Zhang, Jianfeng Li, Juan Yang, Ruiyuan Zhang, Beibei Xiu, Zhaoqian Wang Xingting Hu, Xiang Zhang, Yingxia Zheng, Pumped Storage power station	9	10:15-10:30	Research on incipient and critical cavitation of a Francis turbine			
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11:15-11:30 Research on the Reliability Benchmarking Method of Generating Units 39 11:30-11:45 The Design and the Retrofit Implementation of the Inlet spherical Valve in Tian Huang-ping Pumped Storage power station 12:00-12:15 Coffee Break 12:15-14:00 Session: Hydraulic turbines Chair: Mohamed Farhat (EPFL) 82 12:15-12:30 Study of intensity index for extraordinary stress on blade during start-up of Francis turbine Investigation of hydraulic characteristics of Pelton turbine with casing structure using a moving particle simulation method 306 12:45-13:00 A Brief Analysis on Selection of Inlet Valve Types for a Hydropower Station 41 13:00-13:15 A brief discussion on the differences between Chinese and western design engineers in the rated head selection design of hydropower station 41 33:00-13:15 Analysis of Internal Flow and Vibration Characteristics of Tubular Turbine Considering Dynamic Change of Liquid Level in Reservoir Area (OL) 28 13:30-13:45 Numerical simulation of fish damage in a bulb tubular turbine with different guide vane openings (OL) 39 13:45-14:00 Study on Reliable Operation of Hydropower System and Turbine-Generator Units 40 14:00-16:00 15:00 16:00-16:15 16:00-16:15 Operation Mode of Hydropower System and Turbine-Generator Units 17 16:15-16:30 Numerical simulation study of hydraulic performance of the ball valve implied in ultra-high head Pelton turbine 17 16:30-16:45 17 18:145 18:45 18:40	19	10:45-11:00	Vortices Evolution Characteristics and Pressure Pulsations of Variable-speed Francis Turbine	Wenquan Wang, Demin Liu, Chunhe Shen		
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309	17:30-17:45	Strength Evaluation of the Flow Passage Stationary Structures of a Large Francis Turbine Unit	L Jiang, J Xiao, W Zhao, X Huang, J Cao, Z Wang			
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224	18:15-18:30	Analysis of ultra-low frequency Oscillation mechanism of hydraulic turbine governor under different control modes	G Li, C Feng, Y Zheng			
232	18:30-18:45	Design of Pelton Turbine Test Stand in Plateau Environment	Jinhan Cai, Xuejun Zhou, Hongying Luo, Zhengwei Wang			
242	18:45-19:00	Study on the design of short blade offset for the long and short blade runner of 1000 MW hydraulic turbine units	Yonggang Lu, Zequan Zhang, Hao Chen, Kui Liu, Xingxing Huang, Honghui Li, Zhengwei Wang, Alexandre Presas			
246	19:00-19:15	Study of hydraulic turbine rheological noise distribution law based on defective runner blade	Hongjiang Pan, Fengrong Yu, Yun Zeng, Yuchen Liu, Jianping Guo			
256	19:15-19:30	Investigation on Large Fluctuation Transient Process of High Head Pelton Turbine	J Gao, L Han, H J Wang, Y X Liu, X Z Wei, D Q Qin			
260	19:30-19:45	Evaluation of Forces on the Needle for Regulation of Pelton Turbine Injector (OL)	F Khan, A Kumar, T Staubli			
20:00-22:00	20:00-22:00 Dinner					

Online connections:

Tencent Meeting (VooV Meeting): ID: 148-121-317

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