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Název příspěvku	ISBN/DOI	Akce
Modelling humid air flow condensation in a linear blade cascade Sláma V., Rudas B., a kol.	doi: 10.1051/epjconf/202429 901037	EPJ Web of Conferences, Volume 299 (2024)
Valve seat angle influence on losses in valves for steam turbines Sláma V., Kollross P. a kol.	doi: 10.1051/matecconf/2023 38300019	MATEC Web Conf. Volume 383, 2023
Pressure Loss Analysis and its Prediction in Typical Valve Designs for Steam Turbines Sláma V., Rudas B. a kol.	doi: 10.1115/GT2023-101134	ASME Turbo Expo 2023 GT2023-101134 Boston, USA
Enhanced Flutter Test Rig for a Transonic Flow in a Linear Turbine Blade Cascade and Numerical Data Validation Sláma V., Rudas B. a kol.	doi: 10.29008/ETC2023-144	15th European Conference on Turbomachinery Fluid dynamics & Thermodynamics, 2023
Calculation of Thermodynamic Wetness Loss in Steam Turbines Using Computational Fluid Dynamics Simulation Hoznedl M., Kolovratník M., Gukchol J	doi. 10.1115/1.4063322	ASME 2023 J. of Eng. for Gas Turbines and Power GTP-23-1385
Cooling of Steam Turbine Exhaust Hood and Last Stage Blade Hoznedl M., Vlasák J., Bém J., Kubíková T., Ranš. M.	doi: 10.1051/matecconf/2023 38300010	MATEC Web Conf. Volume 383
Experimental Research on the Flow in the Steam Turbine Axial Exhaust Hood David Tupy, Vaclav Slama, Robert Kalista	doi: 10.1051/epjconf/202226 901063	EFM19 – Experimental Fluid Mechanics 2019 EPJ Web Conf. Volume 269, 2022
Steam turbine flow path drainage system under different operating conditions Michal Hoznedl, Jindřich Bém	doi: 10.1051/matecconf/2022 36700010	Power System Engineering 2022 MATEC Web of Conferences 367, 00010 (2022)

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Pressure Losses Downstream of a Compact Valve in the Inlet Chamber of an Intermediate-Pressure Steam Turbine Sláma V., Šimurda D., Lenhard R.	doi: 10.3390/en15228753	Energies 2022
Preliminary Experimental Investigation of the Design-Overloaded Stage in Two-Stage Axial Turbine Test Rig Jelínek T., Milčák P., Fichtl R., Němec M.	doi: 10.1051/mateconf/202236700013	MATEC Web of Conferences 367, 00013 (2022)
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Pressure losses reduction in a steam turbine compact valve Václav Sláma, Bartoloměj Rudas a kol.	doi: 10.1051/epjconf/202226401042	EFM21 – Experimental Fluid Mechanics 2021 EPJ Web Conf. Volume 264, 2022
Pressure Losses Reduction in a Steam Turbine Compact Valve Sláma V., Rudas B. a kol.	doi: 10.1051/epjconf/202226401042	Experimental Fluid Mechanics, November 2021 EPJ Web Conf. Volume 264, 2022
Experimental and Numerical Study of Flow and Dynamics on LSB at 34 MW Steam Turbine Hoznedl M., Sedlák K., Mrózek L., Dadáková T., Kubín Z., Gregor K.	doi: 10.1115/GT2020-14280	ASME Turbo Expo 2020
Subsonic Stall Flutter of a Linear Turbine Blade Cascade Using Experimental and CFD Analysis Sláma V., Rudas B., Ira J., Macálka A., Eret P., Tsymbalyuk V.	doi: 10.1115/IMECE2020-23356	ASME IMECE 2020
Pressure losses and oscillations in a compact valve of a steam turbine Václav Sláma, David Šimurda, Lukáš Mrózek, Ladislav Tajč, a kol.	doi: 10.1051/mateconf/202134500027	MATEC Web Conf. Volume 345, 2021 20th Conference on Power System Engineering

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Experimental and Numerical Study on Pressure Losses and Flow Fluctuations in a High-Pressure Valve Assembly of Steam Turbine Governing System Slama V., Mrozek L., Rudas B., Simurda D., Hala J., Luxa M	doi: 10.1115/GT2020-14474	ASME Turbo Expo 2020
Experimental steam turbine T10MW cold end cooling by water spraying Michal Hoznedl	doi: 10.1051/mateconf/202134500010	MATEC Web Conf. Volume 345, 2021 20th Conference on Power System Engineering
Wet steam flow in 1100 MW turbine Jun, Gukchol; Kolovratník, Michal; Hoznedl, Michal	doi: 10.24425/ather.2021.138110	PAS Journals Repository (pan.pl)
Fast estimation of classical flutter stability of turbine blade by reduced CFD modelling Chandra Shekhar Prasad, Luděk Pešek, Václav Sláma	doi: 10.1201/9781003132639	12th International Conference on Vibrations in Rotating Machinery:
Investigation of Pressure Losses and Flow Fluctuations in an Intercept Valve Assembly of an Intermediate-Pressure Turbine Part Slama V., Mrozek L., Rudas B., Simurda D., Hala J., Radnic T.	doi: 10.1115/IMECE2020-23359	ASME IMECE 2020
Effect of Stage Reaction and Shaft Labyrinth Seal in a Stage of an Axial Steam Turbine Nemec, M., Jelinek, T., Uher, J., Milcak, P.	doi: 10.1115/GT2020-14741	ASME Turbo Expo 2020: Volume 9: Oil and Gas Applications; ORC Power Systems; Steam Turbine.
Experimental and CFD Investigation of Aerodynamic Forces and Moments in a Linear Turbine Blade Cascade Sláma V., Rudas B., a kol.	doi: 10.1115/IMECE2018-86667	ASME International Mechanical Engineering Congress and Exposition

Příspěvky do roku 2020 níže

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Investigation of flow in axial stage of experimental turbine Petr Mličák	ISSN 2101-6275	EFM16 – Experimental Fluid Mechanics 2016
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Application of the balancing holes on the turbine stage discs with higher root reaction Lukáš Mrózek, Michal Hoznedl	doi: 10.1051/epjconf/201611402108	EFM15 – Experimental Fluid Mechanics 2015 EPJ Web of Conferences Volume 114, 2016
Experimental turbine VT-400 Petr Milčák	ISSN 2101-6275	EFM15 – Experimental Fluid Mechanics 2015
Flow Conditions at the Last Stage and in the Exhaust Hood of the Turbine 1090 MW for Saturated Steam Michal Hoznedl, Kamil Sedlák, Lukáš Bednář, Robert Kalista	978-80-01-05997-5	Wet Stream Conference Prague 2016
Influence of balancing holes and disc sealing in turbine stages on thermodynamic efficiency and rotor forces Václav Sláma	-	EFM15 – Experimental Fluid Mechanics 2015

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Simulation of Compressible Flow Through the Tip-Section Turbine Blade Cascade with the Unsteady Interaction of the Shock wave with Shear Layers Marek Bobčík	978-80-87012-58-1	Institute of Thermomechanics, Academy of Sciences of the Czech Republic, v.v.i.
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Stabilizing a 46 MW Multistage Utility Steam Turbine Using Integral Squeeze Film Bearing Support Dampers Václav Černý, Václav Polreich	doi: 10.1115/1.4028715	J. Eng. Gas Turbines Power. 2015
Stabilizing a 46 MW Multi-Stage Utility Steam Turbine Using Integral Squeeze Film Bearing Support Dampers Václav Černý, Václav Polreich	978-0-7918-4576-9	ASME Turbo Expo 2014: Turbine Technical Conference and Exposition
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