

### SYMKOM2020/2021 papers already published:

1. Zbigniew Drożyński, Irreversible energy degradation in heat transfer between two fluids – analysis on manifolds, Archives of Thermodynamics | 2020 | vol. 41 | No 4 | 169-190 | DOI: 10.24425/ather.2020.135858
2. Vladimir Kindra, Andrey Rogalev, Olga Zlyvko, Alexey Zonov, Matvey Smirnov, Ilya Kaplanovich, Research on oxy-fuel combustion power cycle using nitrogen for turbine cooling, Archives of Thermodynamics | 2020 | vol. 41 | No 4 | 191-202 | DOI: 10.24425/ather.2020.135859
3. Piotr Klimaszewski, Piotr Klonowicz, Piotr Lampart, Łukasz Witanowski, Dawid Zaniewski, Łukasz Jędrzejewski, Tomasz Suchocki, Design and performance analysis of ORC centrifugal pumps, Archives of Thermodynamics | 2020 | vol. 41 | No 4 | 203-222 | DOI: 10.24425/ather.2020.135860
4. Piotr Paweł Wiśniewski, Sławomir Dykas, Guojie Zhang, Numerical studies of air humidity importance in the first stage rotor of turbine compressor, Archives of Thermodynamics | 2020 | vol. 41 | No 4 | 223-234 | DOI: 10.24425/ather.2020.135861
5. Andreas Paul Weiss, Philipp Streit, Tobias Popp, Patrick Shoemaker, Thomas Hildebrandt, Václav Novotný, Jan Špale, Uncommon turbine architectures for distributed power generation – development of a small velocity compounded radial re-entry turbine, Archives of Thermodynamics | 2020 | vol. 41 | No 4 | 235-253 | DOI: 10.24425/ather.2020.135862
6. Krzysztof Dominiczak, Marta Drosińska-Komor, Romuald Rzadkowski, Jerzy Głuch, Optimisation of turbine shaft heating process under steam turbine run-up conditions, Archives of Thermodynamics | 2020 | vol. 41 | No 4 | 255-268 | DOI: 10.24425/ather.2020.135863
7. Artur Andrearczyk, Flow characteristics of an automotive compressor with an additively manufactured rotor disc, Archives of Thermodynamics | Vol. 42 (1) | 3-13 | DOI: 10.24425/ather.2021.136944
8. Arkadiusz Mateusz Musiał, Łukasz Antczak, Łukasz Jędrzejewski, Piotr Klonowicz, Analysis of the use of waste heat from a glass melting furnace for electricity production in the organic Rankine cycle system, Archives of Thermodynamics | Vol. 42 (1) | 15-33 | DOI: 10.24425/ather.2021.136945
9. Arkadiusz Koprowski, Romuald Rzadkowski, Computational fluid dynamics analysis of 1 MW steam turbine inlet geometries, Archives of Thermodynamics | Vol. 42 (1) | 35-55 | DOI: 10.24425/ather.2021.136946
10. Ryszard Szwaba, Krzysztof Hinc, Tomasz Ochrymiuk, Zbigniew Krzemianowski, Piotr Doerffer, Marcin Kurowski, Open low speed wind tunnel – design and testing, Archives of Thermodynamics | Vol. 42 (1) | 57-70 | DOI: 10.24425/ather.2021.136947
11. Andrii Rusanov, Roman Rusanov, The influence of stator-rotor interspace overlap of meridional contours on the efficiency of high-pressure steam turbine stages, Archives of Thermodynamics | Vol. 42 (1) | 97-114

12. Marcin Kurowski, Heat transfer coefficient measurements on curved surfaces, Archives of Thermodynamics | 2021 | vol. 42 | No 2 | 155-170 | DOI: 10.24425/ather.2021.137558
13. GUKCHOL JUN, MICHAL KOLOVRATNÍK, MICHAL HOZNEDL, Wet steam flow in 1100 MW turbine, Archives of Thermodynamics | 2021 | vol. 42 | No 3 | 63-85 | DOI: 10.24425/ather.2021.138110
14. ARKADIUSZ KOPROWSKI, ROMUALD RZADKOWSKI, Computational fluid dynamics analysis of several designs of a Curtis wheel, Archives of Thermodynamics | 2021 | vol. 42 | No 3 | 197-208 | DOI: 10.24425/ather.2021.138116