



WELCOME

I am a researcher and a lecturer at the Faculty of Mechanical and Power Engineering at Wrocław University of Science and Technology (WUST). In March 2009 I received my PhD degree with honours by defending a thesis on heat and mass transfer processes in adsorption systems. This gave me the opportunity to work as a post-doctoral research fellow in the United States and in the Netherlands. In September 2018 I got the habilitation. Currently, I am employed as an Associate Professor in the Department of Thermodynamics, Theory of Machines and Thermal Systems at the Faculty of Mechanical and Power Engineering.

My research interests include thermal and mechanical processes, particularly in the area of power engineering, environmental engineering and cooling. Currently I focus on three specific research topics: modern refrigeration technologies for integrated co-generation and tri-generation systems (i.e. adsorption refrigeration), low-pressure phase transitions, thermosyphons and heat pipes, and implementation of nanoparticles in order to increase physical and thermal capabilities of refrigerants. I specialize in theoretical analyses based on numerical simulations of complex systems (simulations based on lumped parameter differential models described with multiple balance equations).

[More information...](#)

SAVE THE DATE - 1st International Conference on Nanofluids (ICNF) and the 2nd European Symposium on Nanofluids (ESNF)

It's my pleasure to invite you to attend **the 1st International Conference on Nanofluids (ICNF) and the 2nd European Symposium on Nanofluids (ESNF)**, to be held in Castellón (Spain), **26-28 June 2019**. Being part of COST Action Nanouptake activities, [ICNF 2019](#) aims at providing an international platform for global collaboration and exchange of knowledge between researchers and professionals working on nanofluids and related areas.

Focuses of [ICNF 2019](#) include production and characterisation of nanofluids and liquid-based nanocomposites, nanofluid-based heat transfer and storage of thermal energy, as well as industrial applications.



The updated information about [ICNF 2019](#) (programme, speakers, deadlines, registration, fees...) will be periodically uploaded in the conference website: <http://www.icnf2019.com/>

Contact information

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Office hours

Monday 11:00-13:00

Wednesday 7:00-9:00

Links

- [Wrocław University of Science and Technology](#)
- [Faculty of Mechanical and Power Engineering](#)
- [Department of Thermodynamics, Theory of Machines and Thermal Systems](#)

Tools

- [Interactive map of campus](#)

