

UNIPD Supervisor: Simone Mancin

Project: Micro-FloTec - Microscale enabled advanced flow and heat transfer technologies featuring high performance and low power consumption



Coordinator: Sabanci Universitesi

Beneficiary: Università degli Studi di Padova

UNIPD Supervisor: Simone Mancin

Department: Department of Management and Engineering

Total Contribution: € 101 200,00

Project Duration in months: 48

Find out more:

<https://cordis.europa.eu/projects/en>

Simone Mancin is an Associate Professor of Thermodynamics and Heat Transfer at the Department of Management and Engineering of the University of Padova, Italy. He is also Visiting Prof. at the Dept. of Chemical Engineering of Brunel University London and member of the Centre for Energy Efficient and Sustainable Technologies of Brunel University London. His research mainly focuses on advanced materials, nano-depositions, nano-coatings, surface treatments, single- and two- phase heat transfer in enhanced surfaces and micro-geometries for electronic thermal management and air conditioning and refrigeration and phase change materials (PCMs) for advanced latent thermal energy storages. He is currently PI of several EU funded projects within MSCA, Clean aviation Horizon EU, and pathfinder programs. He is the author or co-author of about 250 papers, most published in the international scientific journals. He is associate editor of HEDH, Thermal Science and Engineering Process, Part C: Journal of Mechanical Engineering Science, and Heat Transfer Research and he is member of the Editorial Board of International Journal of Thermofluids, Science Talks and Energies.