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# Selected Papers from the ISTEGIM'19 – Thermal Effects in Gas flow in Microscale

Guest Editors:	Message from the Guest Editors
Prof. Dr. Jürgen J. Brandner	Dear Colleagues,
Dr. Lucien Baldas Prof. Dr. Gian Luca Morini	This Special Issue will publish selected papers from the International Symposium on Thermal Effects in Gas flow in Microscale ISTEGIM 2019 - A MIGRATE Event (http://www.istegim.eu/), 24-25 October 2019, Ettlingen, Germany.
Deadline for manuscript submissions: closed (29 February 2020)	MIGRATE (www.migrate2015.eu) is a H2020 Marie Skłodowska-Curie European Training Network, intended to address some of the current challenges to innovation that faces European industry with regard to heat and mass transfer in gas-based micro-scale processes. The symposium topics include, but are not limited to:
	<ul> <li>Multiphase Heat Transfer in Microstructures</li> <li>Gas-liquid contacting</li> <li>Modelling and simulation of flows and heat transfer in microstructures</li> <li>Gas Surface Interaction</li> <li>Gas Sensors and Sensor integration</li> <li>Non-invasive measurement techniques</li> <li>Lab-on-device systems</li> <li>Microsystems for bio- and environmental applications</li> <li>Thermally driven microflows</li> <li>Heat recovery and energy harvesting microsystems</li> <li>Flow and heat transfer through micro-nano porous media</li> </ul>



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Prof. Jürgen Brandne Specialsue

Guest Editors



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