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Wojciech Lipiński is Professor and the Leader of the Solar Thermal Group at the Australian National University. He received his MSc Eng degree from Warsaw University of Technology (2000), and doctorate (2004) and habilitation (2009) from ETH Zurich. His research interests are in energy, environmental and space applications of thermal, chemical and optical engineering principles. His core research encompasses transport phenomena, in particular radiative transfer, multiphase reacting flows, chemical kinetics, and process thermodynamics and control, with applications in high-temperature solar thermal, renewable fuel, energy storage and materials processing technologies. Lipiński has published over 125 articles in peer-reviewed journals and conference proceedings, and contributed to several books, edited books and e-books. He was awarded the 2006 Hilti Award for Innovative Research from ETH Zurich, the College of Science and Engineering 2010–2011 Outstanding Professor Award from the University of Minnesota, and the 2013 Elsevier/JQSRT Raymond Viskanta Award in Radiative Transfer. He is Associate Editor of *Solar Energy* and *Journal of Quantitative Spectroscopy and Radiative Transfer*, and serves on the editorial board of *Computational Thermal Sciences*. He is a member of the Scientific Council and Executive Committee of the International Centre for Heat and Mass Transfer, as well as a member of ASME, AIChE, AIAA, and several other professional societies.