
Editorial

Dong-Wook Oh

Department of Mechanical Engineering,
Chosun University,
Pilmoondaero, Donggu,
Gwangju 61452, South Korea
Email: dwoh@chosun.ac.kr

Yeon Suk Choi

Center for Scientific Instrumentation,
Korea Basic Science Institute,
Gwahak-ro, Yuseong-gu,
Daejeon 169-148, South Korea
Email: ychoi@kbsi.re.kr

Sok Won Kim

Department of Physics,
University of Ulsan,
Daehak-ro 93, Nam-gu,
Ulsan 44610, South Korea
Email: sokkim@ulsan.ac.kr

Biographical notes: Dong-Wook Oh is an Assistant Professor in the Department of Mechanical Engineering at Chosun University, South Korea. He received his PhD in Mechanical Engineering from Seoul National University. Prior to joining Chosun University, he worked as a post-doctoral researcher at Department of Material Science and Engineering, University of Illinois at Urbana-Champaign, and a Senior Researcher at the Department of Advanced Thermal Systems, Korea Institute of Machinery and Materials. His current research is focused on thermal characterisation and application of thermally conductive composites.

Yeon Suk Choi received a PhD in Mechanical Engineering from Florida State University and currently is the Principal Researcher in the Center for Scientific Instrumentation at the Korea Basic Science Institute, South Korea. His research interests include the development of physical property measuring equipment, measurement and analysis of thermal property, heat and mass transfer at low temperature and superconducting magnet applications.

Sok Won Kim received his BS in Physics Education from Seoul National University and his MS and PhD in Physics from the Korea Advanced Institute of Science and Technology. He is currently a Professor in the Department of Physics with the University of Ulsan and President of Korean Society of Thermophysical Properties. His research interests include the measurement of the thermophysical properties of solids, films, and liquids using optical technique.

The *19th Korean Thermophysical Properties (KSTP) Conference* was held in Korea Research Institute of Standards and Science (KRISS), Daejeon, Korea on 4–5 April, 2019. The conference was organised by Dr. Joohyun Lee, KRISS with the support of members of KSTP. Numerous exciting recent advances in thermophysical property measurements were presented and fruitful discussions were made throughout technical sessions and social events.

This special issue is a collection of 12 papers that are revised and expanded from the original conference presentation. All papers are carefully selected and peer-reviewed by domestic and international reviewers. This issue covers aspects of thermal property measurements in nano/micro-scale and emerging advanced materials.

We would like to thank all the authors and reviewers for their professionalism and contribution to this special issue. Special gratitude should also be given to Dr. Lionel Vayssieres, Editor-in-Chief of the *International Journal of Nanotechnology*, for providing this wonderful opportunity.