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Dr. Guo graduated with highest honor in Engineering Physics from Tsinghua University (China); and has worked in KAIST (South Korea), and Tohoku University (Japan) before moving to the US. After receiving a Ph.D. degree in Mechanical Engineering from NYU-Tandon School of Engineering in 2001, he joined the faculty at Rutgers. Dr. Guo is an expert in heat transfer. He explores not only the extremes of very small length, time, and strength scales in the fundamental study of thermal energy transport and laser applications, but also the technological developments of large-scale industrial practice. He is the author/co-author of over 230 archival journal and conference papers. He served as K-18 Technical Committee Chair for ASME, Technical Program Chair and Conference General Co-Chair in several international conferences. Dr. Guo is a Fellow of ASME. He is the Editor-in-Chief for *Journal of Enhanced Heat Transfer*, the Managing Editor for *Heat Transfer Research*, an Associate Editor for *ASME Journal of Heat Transfer* (2013-2019), and an editorial board member for *Applied Thermal Engineering*. Prof. Guo was bestowed the Rutgers Board of Trustees Award for Excellence in Research in 2018, the university's highest honor for outstanding research contributions to a discipline or to society by a tenured faculty member.