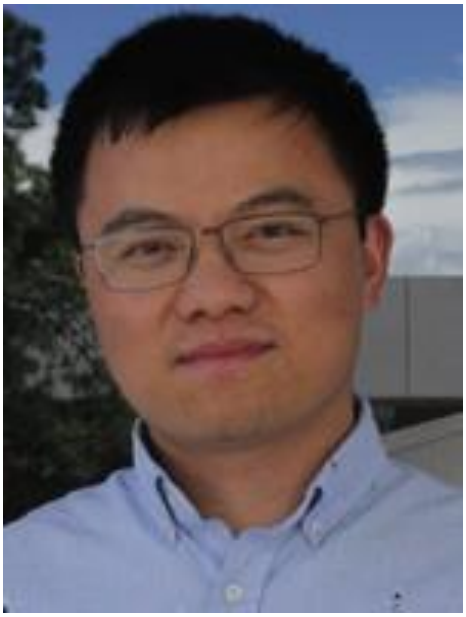
Dr. Minghui Chen



Bio

Dr. Minghui Chen joined the University of New Mexico as an Assistant Professor in 2019. Prior to that, Dr. Chen was a research fellow in the Department of Nuclear Engineering and Radiological Sciences at the University of Michigan – Ann Arbor. Dr. Chen earned his B.S. degree in Nuclear Engineering from Harbin Engineering University in China in 2011, his M.S. degree in Nuclear Engineering from The Ohio State University in 2015, and Ph.D. degree in Nuclear Engineering from the University of Michigan – Ann Arbor in 2018. Dr. Chen's research mainly focuses on experimental thermal hydraulics including separate and integral effects tests. In particular, he designs and executes experiments to investigate the performance of high-temperature components for Fluoride-salt-cooled High-temperature Reactors (FHRs) and Very-High-Temperature Reactors and to demonstrate the reliability of passive heat removal systems for FHRs. Dr. Minghui Chen is an inaugural winner of the Distinguished Early Career Award granted by the U.S. Department of Energy Office of Nuclear Energy.

Years beyond PHD
Four Years

Research area
Nuclear Thermal-Hydraulics, Integral Effects Test, Separate Effects Test, Advanced Reactors, High-Temperature Systems (Heat Exchangers, Power Cycles, Thermal Energy Storage)

School of employment
The University of New Mexico

Educational background (field of degrees)
Ph.D. University of Michigan, Nuclear Engineering and Radiological Sciences, 2018
M.S. The Ohio State University, Nuclear Engineering, 2015
B.S. Harbin Engineering University, Nuclear Engineering and Technology, 2011