Wichita State College of Engineering adds 11 new faculty

Dr. Elnaz Banan Sadeghian is an assistant professor in the Department of Electrical Engineering and Computer Science. She received her PhD in electrical and computer engineering from Georgia Ins◎tute of Technology. Prior to joining WSU, she was a senior Digital Signal Processing Engineer at Qualcomm Company. Her areas of expertise include algorithm design for telecommunications systems (data storage) and assistive technologies. Her research interests include digital communication, machine learning, and pattern recognition. She is teaching signal processing.

Dr. Enkhsaikhan (EK) Boldsaikhan is assistant professor in the Department of Industrial, Systems & Manufacturing Engineering. He earned his PhD in materials engineering and science. He also holds master's and bachelor's degrees in computer science. Dr. Boldsaikhan's research areas include industrial robotics and automation, friction stir welding for aerospace applications, signal processing, and smart manufacturing. Previously, Dr. Boldsaikhan was a researcher in the WSU-NIAR Robotics and Automation lab and the WSU-NIAR Advanced Joining and Processing lab. He is teaching industrial automation.

Jennifer Hadley is an educator in the Department of Engineering Technology. She is a mechanical engineer and mathematics teacher with experience in consul◎ng engineering, manufacturing, and project management. Hadley earned her BS in Mechanical Engineering from the University of Kansas. She went on to complete WSU's Transition to Teaching program and is completing an MS in mechanical engineering both from Wichita State University. She has taught math from algebra through calculus in both public and private schools before becoming an engineering educator.

Tania Jareen will be joining at the Department of Engineering Technology in Spring 2019 as an engineering educator teaching cybersecurity. She received her master's degree in electrical engineering with a concentration in computer networking from Wichita State University. Currently, she works as a network engineer at Purdue University, managing high-speed networks that connect researchers and scientists across the world. She also worked in Cox Communications, one of the leaders in the internet broadband communities. She is one of six women in the United States selected for the National Science Foundation and Department of Energy-supported award to build the world's fastest and most powerful network. She will be teaching networking programs and database applied courses.

Dr. Yang-Seon Kim is an assistant professor in Department of Mechanical Engineering. She holds a PhD in mechanical engineering from the Pennsylvania State University. Before joining WSU, she worked as a postdoctoral fellow at the Building Technology and Urban Systems Division at Lawrence Berkeley National Laboratory. Her research looks at developing a novel method to assess the impact of building occupants on energy usage and performance, ventilation and indoor air quality. Dr. Kim is teaching the thermodynamics course during the fall semester.

Dr. Yongkuk Lee is an assistant professor in the Department of Biomedical Engineering. He received his PhD in electrical engineering from West Virginia University. Prior to joining WSU, Dr. Lee was a postdoctoral fellow in mechanical engineering at Georgia Institute of Technology. His research interests lie in the development of skin-like electronics. These unusual electronics have similar mechanical properties with the human skin and can be used for long-term, real-time health monitoring, human-computer/machine interface, and in vivo/in vitro disease diagnostics. Dr. Lee is teaching the Design of Biodevices course during the fall semester.

Dr. Saideep Nannapaneni is an assistant professor in the Department of Industrial, Systems, and Manufacturing Engineering. He received his PhD in civil engineering with specialization in risk and reliability from Vanderbilt University. His research interests are in computational reliability, probabilistic surrogate modeling, uncertainty quantification, and Bayesian informatics with applications to a variety of manufacturing, aerospace, and cyber-physical systems. Dr. Nannapaneni is teaching Reliability and Maintainability Engineering during the fall semester.

Dr. Zahra Nili is an assistant professor in the Department of Mechanical Engineering. She received her PhD in mechanical engineering, with specialization in dynamical systems, noise, and vibrations from University of Quebec (École de Technologie Supérieure). Her research aims to develop novel learning algorithms and intelligent control methods to reduce systems structural instability. Current research interests include cooperative robotics, automation and control, cyber-physical systems, and intelligent structural health monitoring. Dr. Nili is teaching the dynamics course during the fall semester.

Lincoln Schroeder is an engineering educator in the Department of Engineering Technology. He re◎red from Air Force active duty after working 16 years in Department of Defense Cyber Red Teams. Mr. Schroeder led teams and developed standards for conducting adversary-perspective penetration tests of networks, information systems, secured physical areas, and operations security. He oversaw the

training and development of tens of thousands of leaders, operators, network administrators, users, and other personnel. Mr. Schroeder is teaching the undergraduate cybersecurity courses.

Dr. Wujun Si is an assistant professor in the Department of Industrial, Systems and Manufacturing Engineering. He received his PhD in Industrial Engineering at Wayne State University. His research focuses on engineering statistics and data analytics with various industrial applications including reliability and quality assurance, machinery diagnostics and prognosis, risk and safety evaluation, op◎mal maintenance scheduling, operations management and decision-making for complex manufacturing and production systems. He is teaching risks and reliability.

Dr. Gergely Zaruba is a professor and the new chair of the Department of Electrical Engineering and Computer Science. He received his PhD in computer science from The University of Texas at Dallas. His research interests are in various aspects of pervasive computing. He has two patents and has published over 70 journal/conference papers. His research has been extensively funded by industry and government agencies such as the National Science Foundation, National Institutes of Health, Department of Energy and National Institute of Justice.