

Meet the SMC eNewsletter Associate Editors:

Feature Article:



Dr. Wen Qi is an Associate Professor at the South China University of Technology, Guangzhou, China. She received her Ph.D. degree in Biomedical Engineering from Politecnico di Milano, Italy, in 2020. She has received numerous awards, including the 2021 Best Transactions Paper Award of the IEEE Transactions on Human-Machine Systems and the Best Paper Award at the IEEE International Conference on Advanced Robotics and Mechatronics in 2020. Her research interests include artificial intelligence, human-computer interaction, intelligent wearables, human data analysis, multi-sensor fusion, robotics, and cyber-twin networks.

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Student Corner:



Dr. Chun Sing Lai received the B.Eng. (First Class Hons.) in electronic and electrical engineering from Brunel University of London, UK, in 2013, and the D.Phil. degree in engineering science from the University of Oxford, UK, in 2019. He is currently a Senior Lecturer with the Department of Electronic and Electrical Engineering and Course Director of MSc Electric Vehicle Systems at Brunel University London. His research interests are in power system optimization and electric vehicle systems.

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Dr. Anderson Ávila received his BSc degree in Computer Science from the Federal University of São Carlos, his MSc degree in Information Engineering from the Federal University of ABC and the PhD degree from INRS in Canada. In 2022, he joined the INRS-UQO research Centre on Cybersecurity and Digital Trust as a tenure-track Assistant Professor. His research interests are in data privacy via federated learning, combating misinformation, and robustness of biometrics systems.

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Academic Corner:



Dr. Hang Su is a Chair Professor Junior at Paris-Saclay University, France. He obtained his Ph.D. degree from Politecnico di Milano, Italy in 2019. He is the recipient of the Outstanding Interaction Paper Award at the IEEE International Conference on Robotics and Automation in 2022, the Andrew P. Sage Best Transactions Paper Award for IEEE Transactions on Human-Machine Systems in 2021, the Best Conference Paper Award in Advanced Robotics at the IEEE International Conference on Advanced Robotics and Mechatronics in 2020. His main research interests include human-robot interaction, medical robotics, exoskeletons, sensor fusion, and bilateral teleoperation.

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Industry Corner:



Dr. Debdeep Paul is the AI Technology Lead at Panasonic Singapore where he is working on natural language processing for demand forecasting. Prior to this role, he was a Senior Data Scientist working on predictive/prescriptive analytics. His developed AI solutions have been deployed across multiple business divisions, including data driven demand forecasting, inventory management, pricing, assortment optimization, and anomaly detection for predictive maintenance in large scale production.

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