

NVMTS 2024

October 21-23, 2024 | Paradise Hotel Busan (Haeundae Beach), Busan, Korea



Prof. Dr.-Ing. Hussam Amrouch

(Technical University of Munich, Germany)

Hussam Amrouch is a Professor heading the Chair of AI Processor Design at the Technical University of Munich (TUM). He is, additionally, heading the Brain-inspired Computing at the Munich Institute of Robotics and Machine Intelligence (MIRMI) in Germany. Further, he is the head of the Semiconductor Test and Reliability at the University of Stuttgart in Germany. He received his Ph.D. degree with the highest distinction (summa cum laude) from the Karlsruhe Institute of Technology, Germany in 2015. He has more than 260 publications (including over 110 articles in many top journals such as Nature Communications) in multidisciplinary research areas covering semiconductor device physics, circuit design and computer architecture. His research interest is AI acceleration, transistor compact modeling for emerging technologies, in-memory computing with a special focus on reliability, and cryogenic circuits for quantum computing.