Mircea R. Stan is teaching and doing research in the areas of AI hardware, Processing in Memory, Cyber-Physical Systems, Computational RFID, spintronics, and nanoelectronics. Prof. Stan received the Ph.D. (1996) and the M.S. (1994) degrees from UMass Amherst and the Diploma (1984) from the Politehnica University in Bucharest, Romania. Since 1996 he has been with the ECE Department at UVa, where he is now the Virginia Microelectronics Consortium (VMEC) endowed chair and Director of Computer Engineering. He received the 2024 A. Richard Newton Technical Impact Award in Electronic Design Automation (for 1995 paper "Bus-Invert Coding for Low Power I/O"), the 2018 Influential ISCA Paper Award (for 2003 paper “Temperature-aware microarchitecture”), and was a co-author on best paper awards at ISQED24, ASILOMAR19, LASCAS19, SELSE17, ISQED08, GLSVLSI06, ISCA03 and SHAMAN02 and IEEE Micro Top Picks in 2008 and 2003. Prof. Stan gave keynotes at VLSID25, iSES23, GLSVLSI23, NILES22, DCAS18, SOCC16, CogArch16, WoNDP15, iNIS15 and CNNA14. He is Editor-in-Chief for the IEEE TVLSI and a fellow of the IEEE.