SHORT COURSES

TIME: EST								
8:30	SC1: GPU-based ultrasound signal processing	SC3: Artificial Intelligence in Ultrasound Imaging	SC5: Therapeutic applications of focused ultrasound: From biophysics to clinical application	SC6: Acoustical imaging; from acoustic field equations to imaging and inversion	SC9: Acoustic waves in nonlinear elastic media: An introduction to basic principles and modeling	SC12: Resonant actuators for photonic and quantum systems	SC13: Ultrasound system design: Analog front end circuits, in-probe electronics and imaging systems	SC15: Ultrasound imaging of low velocity blood flow
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14:00	SC2: Micromachined ultrasonic transducers: CMUTs and PMUTs	SC4: Finite element modelling of acoustic resonators	SC7: Laser-generated surface acoustic waves: a tool for physicists, materials scientists, and engineers	SC8: Super-resolution ultrasound imaging	SC10: Hydrophone measurements for biomedical ultrasound applications	SC11: Fundamentals of physical acoustics for the analysis of acoustic wave resonators	SC14: Machine Learning for Ultrasonic NDE imaging, Data Compression and Communication Applications	
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