Dr. Emre Neftci received his degree in Physics at EPF Lausanne and his PhD with Prof. Indiveri in Neuroinformatics at the Institute of Neuroinformatics, ETH Zurich. His thesis described a methodology for synthesizing state-dependent computations in mixed-signal neuromorphic systems. Later, in 2012, Dr. Neftci joined the Insitute of Neural Computation (INC), UC San Diego as a post-doctoral fellow in the lab of Gert Cauwenberghs to investigate models for probabilistic state-dependent sensorimotor processing in large-scale multi-neuron systems. Since 2015, Dr. Neftci is an assistant professor in the department of Cognitive Sciences and Computer Science at UC Irvine. His current research focuses on theoretical and computational modeling of learning in neural systems that exploit the characteristics of neuromorphic hardware.