

Shreyas Sen is an Assistant Professor in ECE, Purdue University and the inventor of the Electro-Quasistatic Human Body Communication, for which is the recipient of the MIT Technology Review top-10 Indian Inventor Worldwide under 35 (MIT TR35 India) Award. Dr. Sen's current research interests span circuits/systems for Internet of Things (IoT), Biomedical and Hardware Security. He has over 5 years of industry research experience in Intel Labs, Qualcomm and Rambus. Dr. Sen is a recipient of the NSF CRII Award, AFOSR Young Investigator Award, Google Faculty Research Award, Intel Quality Award for industrywide impact on USB-C type and multiple best-paper awards. He has co-authored 2 book chapters, over 130 journal and conference papers and has 14 patents granted/pending. In 2018, Dr. Sen was chosen by MIT Technology Review as one of the top 10 Indian Inventors Worldwide under 35 (MIT TR35 India Award), for the invention of using the Human Body as a Wire, which has the potential to transform healthcare, neuroscience, and human-computer interaction. Dr. Sen is a recipient of the AFOSR Young Investigator Award 2017, NSF CISE CRII Award 2017, Google Faculty Research Award 2017, HKN Outstanding Professor Award, Intel Labs Divisional Recognition Award 2014 for industry-wide impact on USB-C type, Intel PhD Fellowship 2010, IEEE Microwave Fellowship 2008, GSRC Margarida Jacome Best Research Award 2007, Best Paper Awards at CICC 2019, HOST 2017, 2018 and 2019, ICCAD Best-in-Track Award 2014, VTS Honorable Mention Award 2014, RWS Best Paper Award 2008, Intel Labs Quality Award 2012, SRC Inventor Recognition Award 2008 and Young Engineering Fellowship 2005. He serves/has served as an Associate Editor for IEEE Design & Test, Executive Committee member of IEEE Central Indiana Section, ETS and Technical Program Committee member of DAC, CICC, DATE, ISLPED, ICCAD, ITC, VLSI Design, IMSTW and VDAT. Dr. Sen is a Senior Member of IEEE.