

University of Rochester
Department of Electrical and Computer Engineering

Real-time Monitoring and Control of Transcranial Therapy Using Dual-mode Ultrasound Arrays

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Wednesday, November 9th
12:00PM – 1:00PM
Computer Studies Building (CSB) 209

Abstract: The use of focused ultrasound (FUS) for precise targeting brain circuitry was demonstrated since the 1950s by William and Francis Fry and their coworkers at the University of Rochester. This work focuses on the development of a real-time monitoring and control system for FUS therapy using dual-mode ultrasound arrays.

