



**Brown University Division of Engineering,  
Center for Biomedical Engineering, and  
Brown Institute for Brain Science**

BROWN INSTITUTE  
FOR **BRAIN**  
**SCIENCE**



*Present*

**NeuroEngineering 1220 “Master Classes”**

As part of the Spring ‘09 NeuroEngineering 122 (ENGN 1220) course, several visiting experts will introduce core neurotechnologies of clinical relevance.

*This series is directed toward the undergraduate and graduate students enrolled in ENGN 1220, but we open these “master classes” to other students and researchers interested in Neuroengineering.*

All lectures are from 1:00 – 2:20 pm, in  
Barus and Holley, Seminar Room 190, **or**  
Sidney Frank Hall Life Sciences Bldg., Marcuvitz Auditorium 220

Tues., 3/10 B & H 190	<b>“Fundamentals of EEG”</b> <i>Sydney Cash, M.D., Ph.D.</i> Harvard Medical School and Massachusetts General Hospital
Thurs., 3/12 B & H 190	<b>“Fundamentals of MEG”</b> <i>Sydney Cash, M.D., Ph.D.</i> Harvard Medical School and Massachusetts General Hospital
Thurs., 4/16 SFH 220	<b>“Fundamentals of Functional Electrical Stimulation”</b> <i>Robert F. Kirsch, Ph.D.</i> Case Western Reserve University and Cleveland VA Med. Center
Tues., 4/21 B & H 190	<b>“Fundamentals of Retinal Prostheses”</b> <i>Joseph F. Rizzo, M.D.</i> Harvard Medical School, Mass. Eye & Ear Infirmary, and Boston VAMC
Thurs., 4/23 SFH 220	<b>“Fundamentals of Transcranial Magnetic Stimulation”</b> <i>Alvaro Pascual-Leone, M.D., Ph.D.</i> Harvard Medical School and Beth Israel Deaconess Medical Center

Host: Profs. Leigh Hochberg and Arto Nurmikko, Div. of Engineering, 863-2869  
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