## Graduate Research Position – Neural Engineering Laboratory

Two PhD positions are available in the neural engineering group of Dr. Ince (http://incelab.bme.uh.edu/). The focus of research is to develop closed-loop brain machine interfaces by using state of the art **signal processing and machine learning** methods. The successful candidates will work in NIH funded projects to process invasive neural recordings (ECoG and LFP) from human subjects and collaborate with an interdisciplinary team composed of neuroscientists and neurosurgeons at Texas Medical Center. A keen interest in neural engineering and machine learning methods is essential.

Eligible candidates must have gained a degree in a discipline relevant to the research themes, e.g. biomedical engineering, electrical engineering, neuroscience, computer science. Programming experience with Python/Matlab is required. Previous experience in biosignal processing and deep learning is a plus. Interactions with other lab members and collaborators will be fundamental. The PhD candidates will receive full tuition waiver and a competitive salary + health insurance.

The laboratory maintains close ties to nearby medical institutions including Baylor College of Medicine and MD Anderson Cancer Center and uniquely positioned to promote clinical translation in collaboration with neurotech industry. The campus is located in Houston - the fourth largest and one of the most diverse cities in the US that provides affordable living.

Candidates are encouraged to email their CV (with GPA, GRE and TOEFL scores) and a motivation letter to Dr. Ince (nfince@uh.edu). The subject heading should be specified as "PhD Application to CNEL". The motivation letter should describe the past experience and coding/programming skills of the candidate in a clear fashion.