Technion's computational MRI lab (TCML)
Open positions: MSc and PhD students

We are an interdisciplinary lab with the mission to improve patient-care through the development of novel deep-learning-based methods for MRI acquisition and analysis to better characterize the underlying physiological and structural factors in human diseases.

We are located at the faculty of Biomedical Engineering of the Technion – Israel Institute of Technology, Haifa, Israel.

Current research topics:

- Deep-learning based quantitative body Diffusion-Weighted MRI
- Crohn's disease Imaging
- Fetal lungs maturity assessment with DW-MRI

Requirements:

- Relevant background in biomedical engineering/electrical engineering/computer science or engineering
- Strong programming skills, preferably in Python, and/or C++
- Experience in machine/deep learning and or in MRI acquisition and analysis are preferable

For further details please contact **Dr. Moti Freiman: moti.freiman@technion.ac.il**