SEMINAR
Monday 15/1/18, 12:00 pm
Building 211, seminar room

SPEAKER:

Dr. Assaf Tal
Department of Chemical Physics, Weizmann Institute of Science

TOPIC:

From spin to thought: What can NMR teach us about the brain?

Nuclear magnetic resonance can be used to probe the brain's underlying neurochemistry non-invasively, providing a glimpse into a range of fascinating in-vivo phenomena. In this talk I will present some of our in-vivo work, beginning with our underlying motivation and presenting evidence NMR can provide valuable insight into functional brain physiology. I will then discuss some of the new techniques and pulse sequences developed in the lab which let us address the questions raised.