

Next Thursday, November 26, Gil Navon, a pioneer of in vivo NMR and medical applications of NMR and MRI, will talk about his recent NMR and MRI studies of tissues:

A new look at biological tissues using DQF NMR and MRI

Professor Gil Navon

School of Chemistry, Tel Aviv University

**Thursday 26 November at 14:15
in lecture hall E at the Chemical Center**

Some recent Navon publications:

Nearly 10⁶-fold enhancements in intermolecular H-1 double-quantum NMR experiments by nuclear hyperpolarization.

J Magn Reson **200**, 142–146 (2009) <http://dx.doi.org/10.1016/j.jmr.2009.06.002>

Hyperpolarized lithium-6 as a sensor of nanomolar contrast agents.

Magn Reson Med **61**, 1489–1493 (2009) <http://dx.doi.org/10.1002/mrm.21952>

Double quantum transition as the origin of the central dip in the z-spectrum of HDO in variably stretched gel.

J Magn Reson **198**, 197–203 (2009) <http://dx.doi.org/10.1016/j.jmr.2009.02.006>

Chemical exchange saturation transfer by intermolecular double-quantum coherence.

J Magn Reson **194**, 29–32 (2008) <http://dx.doi.org/10.1016/j.jmr.2008.05.026>

Assessment of glycosaminoglycan concentration in vivo by chemical exchange-dependent saturation transfer.

PNAS **105**, 2266–2270 (2008) <http://dx.doi.org/10.1073/pnas.0707666105>

Enhancement of magnetization transfer effects by inter-molecular multiple quantum filtered NMR.

J Magn Reson **190**, 149–153 (2008) <http://dx.doi.org/10.1016/j.jmr.2007.09.017>

Please let me know if you want to schedule time for discussion with Gil.

He will probably have some time available on Thursday after the talk and on Friday morning.

At 13:15 on Friday 27 Nov, he will be faculty opponent at Erik Persson Sunde's Ph D dissertation (lecture hall A, Chemical Center).

Welcome!

Bertil Halle