

Seminar

Clinical translation of hyperpolarization and novel instrumental ideas; with a twist of chemistry

Prof. Jan Henrik Ardenkjær-Larsen

(Head of Center for Magnetic Resonance, Center leader for Center for Hyperpolarization in Magnetic Resonance: Department of Electrical Engineering, Technical University of Denmark)

Date: 10/11 (Thu) 15:30~17:00 @8B04, Eng.3



Prof. Jan Henrik Ardenkjær-Larsen is a pioneer of dissolution-Dynamic Nuclear Polarization (DNP), which achieves a more than 10,000-fold enhancement of the sensitivity of the Nuclear Magnetic Resonance signal. In 2013, Prof. Jan Henrik Ardenkjær-Larsen and collaborators published the first clinical study in patients with prostate cancer using hyperpolarized ^{13}C -pyruvate.

Contact: Dr. Hiroshi Nonaka, Sando Lab (Ex. 28902)

