Recollections of NMR at TESLA Brno
by Ing. Vladimír Zeman
(so far only in Czech language)

www.ebyte.it/library/Library.html#nmr
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Presented at 23rd Valtice NMR 2008, April 20-23, Valtice, Czech Republic
$^{23}$Na spectrum in a strongly oriented nematic system

Measured on March 6, 2008

The User has also a 400 MHz instrument, but these studies require a transversal field!!!

Given these unique capabilities, the User concluded an economically important contract with a large industrial group!
TESLA 587A with STELAR AutoDif accessory and external lock: a valid educational tool ...
Resolving complex mixtures by means of pulsed gradient spin-echo NMR experiments

Luigi Ambrosone, Andrea Ceglie, Giuseppe Colafemmina and Gerardo Palazzo

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Self-diffusion coefficients measurements were carried out by the Fourier transform (PGSE) NMR method using a BS-587A NMR (TESLA) spectrometer operating at 80 MHz for the proton, equipped with a pulsed field gradient unit (Autodif 504, STELAR S.n.c.). The pulse sequence employed was the
TESLA 587A + STELAR AutoDif accessory: tens of scientific papers which could not be done otherwise!

F. Venditti, R. Angelico, G. Palazzo, G. Colafemmina, A. Ceglie, F. Lopez
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G. Colafemmina, D. Fiorentino, A. Ceglie, E. Carretti, E. Fratini, L. Dei, P. Baglioni, G. Palazzo
SDS micelles with propylene carbonate as cosolvent: a PGSE-NMR and SAXS study

F. Venditti, A. Ceglie, G. Palazzo, G.; Colafemmina, F. Lopez,
Removal of chromate from water by a new CTAB–silica gelatin composite

Nanostructured fluids based on propylene carbonate/water mixtures

F. Lopez, F. Venditti, L. Ambrosone, G. Colafemmina, A. Ceglie, G. Palazzo
Gelatin microemulsion-based gels with the cationic surfactant cetyltrimethylammonium bromide: a self-diffusion and conductivity study

F. Lopez, G. Cinelli, L. Ambrosone, G. Colafemmina, A. Ceglie, G. Palazzo
Role of the cosurfactant in water-in-oil microemulsion: Interfacial properties tune the enzymatic activity of lipase

G. Palazzo, L. Carbone, G. Colafemmina, R. Angelico, A. Ceglie, M. Giustini
The role of the cosurfactant in the CTAB/water/n-pentanol/n-hexane system: Pentanol effect on the phase equilibria and mesophases structure

ETC

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