

Structuring a Pan-European Bio-NMR Community

Sesto Fiorentino, June 15-18, 2009

Monday, June 15th

14.30-14.40 **H. Schwalbe** - *Welcome and purpose of the meeting*

14.40-16.40

I. Bertini – *EAST-NMR: Access to Solid State NMR*

V. Sklenar - *NMR Research Highlights of NCBR*

H. Schwalbe – *The NMR/EPR Research Infrastructure in Frankfurt*

J. Plavec - *Slovenian NMR centre within the EAST-NMR project*

16.40-17.10 *Coffee Break*

17.10-18.40

A. Bonvin – *Introduction to eNMR (I)*

M. Hricovini - *NMR and theoretical studies of heparin oligosaccharides*

S. Berikoglu - *Sweet molecules ---> sweet NMR?*

19.30 Party

Tuesday, June 16th

9.00-10.30

A. Rosato – *Introduction to eNMR (II)*

R. Boelens – *Overview of the facility*

K. Kover - *Highlights of NMR research in Debrecen*

10.30-11.00 *Coffee Break*

11.00-13.00 Poster session Group and eNMR training session

13.15 Lunch

14.30-16.30

W. Kozminsky - *Fourier Transform processing of randomly sampled NMR data sets*

A. Perczel

S. Simova

H. Molinari - *Presentation of the NMR facilities User Group*

16.30-17.00 *Coffee Break*

17.00-19.00 Poster session and eNMR training session

19.30 Dinner

Wednesday, June 17th

9.00-10.30

M. Billeter - Combined Decomposition of Backbone, TOCSY and NOESY Projections

T. Herrmann - UNIO - Structure Determination for liquid and solid state NMR

J. Markley - Software development and computational requirements in BMRB and NMRFAM

10.30-11.00 Coffee Break

11.00-13.00 Poster session and eNMR training session

13.15 Lunch

14.30-17.00

C. Redfield - Solution NMR facilities and expertise available in Oxford for the EAST-NMR project

A. Samoson - Current activities: biofuels, etc.

H. Molinari - NMR interaction studies on intracellular lipid binding proteins with natural ligands, synthetic drugs and membrane models

L. Matyska – The current state of EGI and its benefits for scientific communities

V. Breton - Grids applied to life sciences: status and perspectives

17.00-17.30 Coffee Break

17.30 – 19.00 Round Round Table discussion on NMR and grid computing at the national and European level

B. Fabianek, EC Project Officer - Global Virtual Research Communities

T. Gianotti, Bruker Biospin – An example of the interest of an industrial stakeholder

20.00 Banquet

Thursday, June 18th

Departure of Participants