

Deploying and unifying the NMR e-Infrastructure in System Biology

e-nmr Deploying and unifying the NMR e-Infrastructure in System Biology

An e-infrastructure funded by the European Commission

Project type: I3

Duration: 3 years

Start date: November 1, 2007

Total budget: 2.766.650 €

Funding from the EC: 2.050.000 €

Total funded effort: 27 person-years

Related EC-funded projects: EU-NMR, NMR-Life, EAST-NMR



e-nmr Objectives

1. Deploy and support an interoperable Grid infrastructure at the three NMR infrastructures to be later integrated with EGEE
2. Assess the state-of-the-art in computational bio-NMR and promote knowledge and spreading of best computational practices
3. Identify and promote a sustainable NMR technical framework for e-Science
4. Develop an integrated e-NMR computational platform

e-nmr Project Participants



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e-nmr Scientific Advisory Board

President:

Robert Jones, CERN, Switzerland
Technical Director of EGEE (Enabling Grids for E-science)

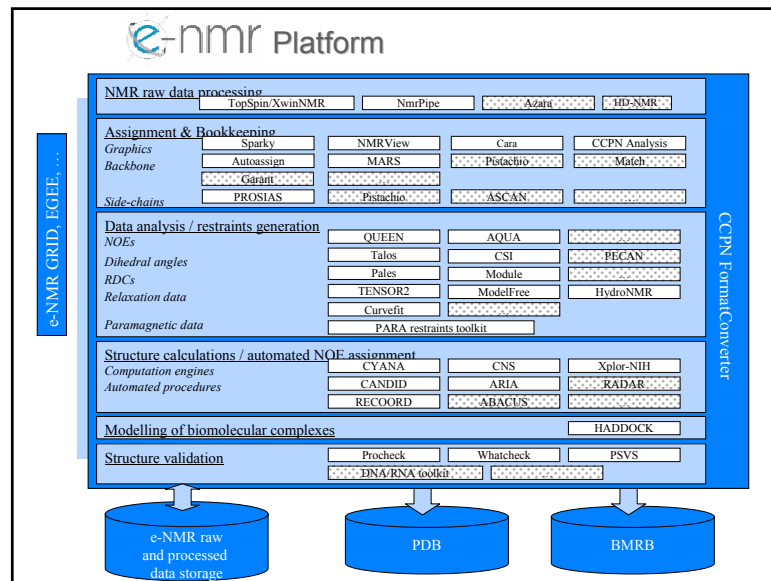
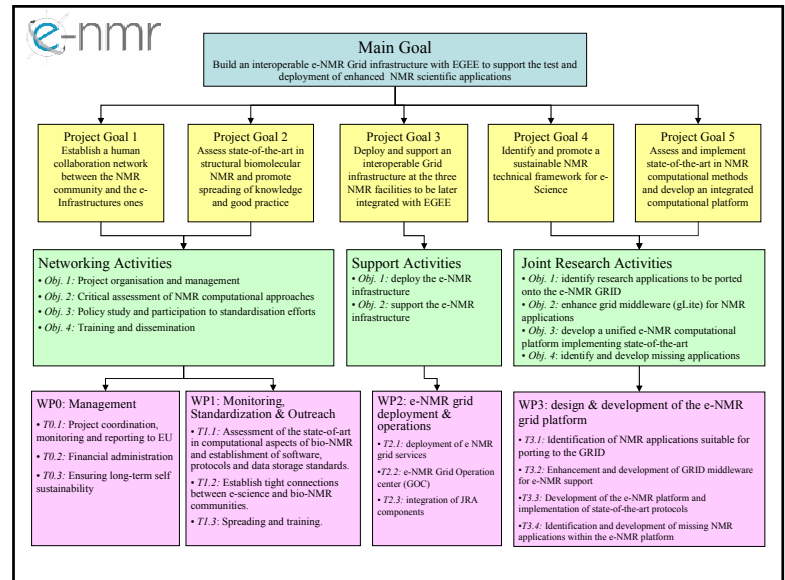
Members:

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Computational NMR

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Coordinator of the D-Grid Initiative

Claudio Luchinat, University of Florence, Italy
NMR with paramagnetic proteins

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NMR and structural data banks, Structural genomics



e-nmr
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Website www.e-nmr.eu

SEVENTH FRAMEWORK PROGRAMME

Home Mission Partners News & Events Contact Registration

Home

e-NMR aims at deploying and unifying the NMR computational infrastructure in system biology, a project funded under the 7th framework programme of the European Union (Contract no. 213010 - e-NMR).

NMR plays an important role in life sciences (biomolecular NMR), and structural biology in particular, at both European and international levels. Our main objective is to optimize and extend the use of the NMR Research Infrastructures of EU-NMR through the implementation of an e-infrastructure in order to provide the biomolecular NMR user community with a platform integrating and streamlining the computational approaches necessary for NMR data analysis and structural modelling (e-NMR). Access to the e-NMR infrastructure will be provided through a portal integrating commonly NMR software and GRID technology.

Access

Webdesign by Simona Jureka and Spore NMR Consultancy

e-nmr People



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