



PAUL SCHERRER INSTITUT

PSI Colloquium

Exploring the Protein Universe with NMR and Crystallography

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| DATE : | Friday, October 4, 2013 |
| COFFEE: | 11:00 am |
| SEMINAR: | 11:15 am |
| PLACE: | WHGA/001 |

Abstract:

The determination of the human genome and the genomes of a large number of other species has awakened big expectations in many different fields, including agriculture, nutrition and healthcare. In this context, detailed knowledge of the proteome and other gene products is of keen interest. Here, I address the use of X-ray crystallography and NMR spectroscopy in solution for obtaining increased coverage of the genomic protein universe with three-dimensional structures. Special emphasis will be on the complementarity of the information that is accessible with these two methods.