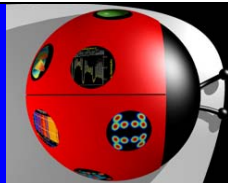


**COSY Young Researchers Meeting**  
**Porto Conte Ricerche, Alghero (Italy)**  
**June 1<sup>st</sup> – 2<sup>nd</sup>, 2009**



**Maud Materials Analysis Using Diffraction**

**COSY**

Complex Solid State Reactions for  
Energy Efficient Hydrogen Storage



**Workshop**  
**“RIETVELD REFINEMENT OF DIFFRACTION**  
**PATTERNS”**

Agenda

Sunday, May, 31, 2009

20:00                    Get together - Dinner

Monday June 1<sup>st</sup>, 2009

9:00 - 9:10            Welcome

9:10 - 13:00         Introduction to Rietveld refinement

Prof. S. Enzo – Università di Sassari

X-ray diffraction for bulk samples and thin films

Prof. M. Baricco – Università di Torino

MAUD: Materials Analysis Using Diffraction

Dr. L. Lutterotti – Università di Trento

*In between coffee break (15 minutes)*

13:00 - 14:00      Lunch

14:00 - 18:00      Tutorials on Rietveld refinements:

                         Instrumental function

                         Quantitative analysis

                         Size and strain

                         Texture

*in between coffee break (15 minutes)*

20:00                Dinner

Tuesday June 2<sup>nd</sup>, 2009

9:00 - 13:00        Rietveld refinements on students' XRD patterns

*in between coffee break (15 minutes)*

13:00 - 14:00        Lunch

14:00 – 18:00        Talks COSY young researchers (20 min. + 5 min. discussion)

*in between coffee break (15 minutes)*

18:00                End of the Workshop