

Session Program

12-15 May 2015



**UCANS V
 5th International Meeting of Union for Compact Accelerator - Driven Neutron Sources**

Moderator Neutronics

INFN Laboratori Nazionali di Legnaro, Aula "Villi"
Viale dell'Università 2, Legnaro (Padova)

Thursday 14 May

14:40

Moderator Neutronics

Session | **Location:** INFN Laboratori Nazionali di Legnaro, Aula "Villi", Viale dell'Università 2, Legnaro (Padova) | **Convener:** David Baxter

14:40–15:00 **Design of neutron moderators for ESS**

Speaker

Konstantin Batkov

15:00–15:20 **to be defined**

15:20–15:40 **High Brilliant Neutron Source - Juelich**

Speaker

Tobias Cronert

15:40–16:10 **Coffee Break**

16:10–16:30 **Moderator Studies on Simple Geometries**

Speaker

Knud Thomsen

16:30–16:50

Analysis of the premoderator temperature effect on the Moderator Brightness of a simple TMR model system

Speaker

Rolando Granada

16:50–17:10

Development of compound neutron moderator structures for small accelerator based neutron sources.

Speaker

Chris Franklyn

17:10–17:30 **High power laser driven neutron source and application**

Speaker

Aaron Alejo

17:30