

EINLADUNG

zum Vortrag

von

Prof. Dr. Berge Englert

Centre for Quantum Technologies and Department of Physics,
National University of Singapore

On Quantum Theory

am

Dienstag, 18. November 2014, um 17:30 Uhr

Ort: Lise-Meitner-Hörsaal, Fakultät für Physik, Universität Wien,
1090 Wien, Strudlhofgasse 4 / Boltzmannngasse 5, 1. Stock

Barrierefreier Zugang: Boltzmannngasse 5, Lift, 1. Stock rechts über den Gang zum Hintereingang des Hörsaals

Abstract:

This is a discussion session during which we'll give answer to questions such as

- What is a physical theory?
 - What are the preexisting concepts in quantum theory?
 - Probabilities for what?
 - What is state reduction? Do wave functions collapse?
 - Is there instant action at a distant?
 - Is quantum theory nonlocal?
 - Where is Heisenberg's cut?
 - How many interpretations do we need?
 - Is there a measurement problem?
- and possibly others.

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Vorsitzender 2013/14: Univ.Prof. Dr. Christoph Dellago, Universität Wien, Computational Physics