

## Symposium Entanglement (SYEN)

jointly organized by  
 Section Dynamics and Statistical Physics (DY),  
 Section Low Temperature Physics (TT), and  
 Section Semiconductor Physics (HL)

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## Overview of Invited Talks and Sessions

(lecture rooms H1)

### Invited Talks

SYEN 1.1	Thu	14:00–14:30	H1	<b>Probabilities (and more) from entanglement</b> — ●WOJCIECH ZUREK
SYEN 1.2	Thu	14:30–15:00	H1	<b>Entanglement and the Foundations of Statistical Mechanics</b> — ●SANDU POPESCU
SYEN 1.3	Thu	15:00–15:30	H1	<b>Universality and classical simulation of quantum computation</b> — MAARTEN VAN DEN NEST, WOLFGANG DÜR, AKIMASA MIYAKE, GUIFRE VIDAL, ●HANS BRIEGEL
SYEN 1.4	Thu	15:30–16:00	H1	<b>Towards the convex roof of multipartite entanglement measures</b> — ●ANDREAS OSTERLOH, JENS SIEWERT, ROBERT LOHMAYER, ARMIN UHLMANN
SYEN 1.5	Thu	16:00–16:30	H1	<b>Decoherence induced by interacting quantum spin baths</b> — ●ROSARIO FAZIO
SYEN 1.6	Thu	16:30–17:00	H1	<b>Sweep a qubit to learn about its environment</b> — ●PETER HÄNGGI, MARTIJN WUBS, KEIJI SAITO, ROLAND DOLL, SIGMUND KOHLER, YOSUKE KAYANUMA

### Sessions

SYEN 1.1–1.6	Thu	14:00–17:00	H1	<b>Symposium Entanglement</b>
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