

## Symposium Quantum Phase Transitions (SYPT)

jointly organized by  
 Low Temperature Physics Division (TT),  
 Magnetism Division (MA), and  
 Dynamics and Statistical Physics Division (DY)

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## Overview of Invited Talks and Sessions

(lecture room H 0105)

### Invited Talks

SYPT 1.1	Mon	14:00–14:35	H 0105	<b>Dark order in the metallic state</b> — •ANDREW JOHN SCHOFIELD
SYPT 1.2	Mon	14:35–15:10	H 0105	<b>Quantum criticality in <math>\text{YbRh}_2\text{Si}_2</math></b> — •PHILIPP GEGENWART
SYPT 1.3	Mon	15:10–15:45	H 0105	<b>Elementary Excitations in Quantum Critical Antiferromagnets</b> — •CHRISTIAN RUEGG
SYPT 1.4	Mon	16:00–16:35	H 0105	<b>How to have fun with frustrated ferromagnets</b> — •NIC SHANNON, TSUTOMU MOMOI, PHILIPPE SINDZINGRE
SYPT 1.5	Mon	16:35–17:10	H 0105	<b>Towards Quantum Magnetism with Ultracold Quantum Gases in Optical Lattices</b> — •IMMANUEL BLOCH
SYPT 1.6	Mon	17:10–17:45	H 0105	<b>Correlated inhomogeneous systems: from trapped atoms to heterostructures</b> — •ACHIM ROSCH

### Sessions

SYPT 1.1–1.6 Mon 14:00–17:45 H 0105 SYPT