

## Symposium SAMOP Dissertation Prize 2022 (SYAD)

jointly organized by all divisions of the section AMOP

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The divisions of the section AMOP award a PhD prize 2022. The prize acknowledges outstanding research from a PhD work and its excellent written and oral presentation. Eligible for nomination were outstanding PhD theses from the research fields of AMOP completed in 2020 or 2021. Based on the nominations, a jury formed by representatives of the AMOP research areas selected four finalists for the award. The finalists are invited to present their research in this dissertation prize symposium. Right after the symposium, the awardee will be selected by the prize committee.

### Overview of Invited Talks and Sessions

(Lecture hall Audimax)

#### Invited Talks

SYAD 1.1	Tue	14:00–14:30	Audimax	<b>New insights into the Fermi-Hubbard model in and out-of equilibrium</b> — ●ANNABELLE BOHRDT
SYAD 1.2	Tue	14:30–15:00	Audimax	<b>Searches for New Physics with Yb<sup>+</sup> Optical Clocks</b> — ●RICHARD LANGE
SYAD 1.3	Tue	15:00–15:30	Audimax	<b>Machine Learning Methodologies for Quantum Information</b> — ●HENDRIK POULSEN NAUTRUP
SYAD 1.4	Tue	15:30–16:00	Audimax	<b>Precision Mass Measurement of the Deuteron's Atomic Mass</b> — ●SASCHA RAU

#### Sessions

SYAD 1.1–1.4	Tue	14:00–16:00	Audimax	<b>SAMOP Dissertation Prize Symposium</b>
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