

## Symposium 25 Years of Recollision Physics (SYRP)

jointly organized by  
the Atomic Physics Division (A) and  
the Molecular Physics Division (MO)

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25 years ago, a novel physical picture emerged that allowed a unified interpretation of several phenomena like above threshold ionization (ATI) and high harmonic generation (HHG), by breaking down the laser-atom interaction into three distinct steps: ionization, propagation and recollision. This intuitive picture has since then formed the basis for a number of revolutionary developments, most prominent of all the emergence of attosecond science. The purpose of this symposium is to celebrate the recollision model that emerged twenty five years ago, and to highlight many of the important developments in recollision physics that have occurred since then.

## Overview of Invited Talks and Sessions

(Lecture room RW HS)

### Invited Talks

|          |     |             |       |  |
|----------|-----|-------------|-------|--|
| SYRP 1.1 | Fri | 10:30–11:00 | RW HS | <b>Attosecond seeding of high energy rescattered electrons</b> — ●KENNETH SCHAFFER   |
| SYRP 1.2 | Fri | 11:00–11:30 | RW HS | <b>The molecular selfie - atomic-scale imaging with a single electron</b> — BENJAMIN WOLTER, MICHAEL G. PULLEN, ANH THU LEE, MATTHIAS BAUDISCH, KATHARINA DOBLHOFF-DIER, ARNE SENFTLEBEN, MICHAEL HEMMER, CLAUS DIETER SCHRÖTER, JOACHIM ULLRICH, ROBERT MOSHAMMER, STEFANIE GRÄFE, ORIOL VENDRELL, CHII DONG LIN, ●JENS BIEGERT |
| SYRP 1.3 | Fri | 11:30–12:00 | RW HS | <b>Multidimensional attosecond spectroscopy</b> — ●NIRIT DUDOVICH  |
| SYRP 1.4 | Fri | 12:00–12:30 | RW HS | <b>Recollision-based high-harmonic generation from solids</b> — ●GIULIO VAMPA  |

### Sessions

|              |     |             |       |  |
|--------------|-----|-------------|-------|--|
| SYRP 1.1–1.4 | Fri | 10:30–12:30 | RW HS | <b>Symposium 25 Years of Recollision Physics</b> |
|--------------|-----|-------------|-------|--|