

Symposium Attosecond and coherent spins: New frontiers (SYAS)

jointly organised by
 the Magnetism Division (MA),
 the Surface Science Division (O),
 the Low Temperature Division (TT),
 the Thin Films Division (DS), and
 the Semiconductor Physics Division (HL)

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Overview of Invited Talks and Sessions

(Lecture hall Audimax 2)

Invited Talks

SYAS 1.1	Thu	10:00–10:30	Audimax 2	Ultrafast Coherent Spin-Lattice Interactions in Iron Films — •STEVEN JOHNSON
SYAS 1.2	Thu	10:30–11:00	Audimax 2	Ultrafast spin, charge and nuclear dynamics: ab-initio description — •SANGEETA SHARMA, JOHN KAY DEWHURST
SYAS 1.3	Thu	11:15–11:45	Audimax 2	Light-wave driven Spin Dynamics — •MARTIN SCHULTZE, MARKUS MÜNZENBERG, SANGEETA SHARMA
SYAS 1.4	Thu	11:45–12:15	Audimax 2	All-coherent subcycle switching of spins by THz near fields — •CHRISTOPH LANGE, STEFAN SCHLAUDERER, SEBASTIAN BAIERL, THOMAS EBNET, CHRISTOPH SCHMID, DARREN VALOVCIN, ANATOLY ZVEZDIN, ALEXEY KIMEL, ROSTISLAV MIKHAYLOVSKIY, RUPERT HUBER
SYAS 1.5	Thu	12:15–12:45	Audimax 2	Ultrafast optically-induced spin transfer in ferromagnetic alloys — •STEFAN MATHIAS

Sessions

SYAS 1.1–1.5	Thu	10:00–12:45	Audimax 2	Attosecond and Coherent Spins: New Frontiers
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