

Symposium Tailoring magnetism in L1₀-ordered nanostructures: Perspectives for magnetic recording beyond 1 Terabit/in² (SYTM)

jointly organized by
the Magnetism Division (MA),
the Metal and Materials Physics Division (MM), and
the Thin Films Division (DS)

Helmut Kronmüller
MPI für Intelligente Systeme
Heisenbergstr. 3
70569 Stuttgart
kronm@physix.mpi-stuttgart.mpg.de

Rainer Birringer
Technische Physik
Universität des Saarlandes
66123 Saarbrücken
r.birringer@nano.uni-saarland.de

Jürgen Fassbender
Ionenstrahlphysik u. Mat.forschung
HZ Dresden-Rossendorf e.V.
01328 Dresden
j.fassbender@fzd.de

Overview of Invited Talks and Sessions

(lecture room H 0105)

Invited Talks

SYTM 1.1	Mon	9:30–10:00	H 0105	Thermally Assisted Magnetic Recording at 620 Gb/in² using Granular L1₀ FeCuPtAg-X Media — •D. WELLER, O. MOSENDZ, S. PISANA, T. SANTOS, G. PARKER, J. REINER, B. C. STIPE
SYTM 1.2	Mon	10:00–10:30	H 0105	Large-area hard magnetic L1₀-FePt and composite L1₀-FePt based nanopatterns — •DAGMAR GOLL, THOMAS BUBLAT
SYTM 1.3	Mon	10:30–11:00	H 0105	Electric field control of magnetic exchange coupling in FePt / Fe-O thin films — •KARIN LEISTNER
SYTM 1.4	Mon	11:00–11:30	H 0105	FePt-based exchange coupled composite media — •MANFRED ALBRECHT
SYTM 1.5	Mon	11:30–12:00	H 0105	Optimization of FePt films for recording applications by micromagnetic modeling — •JOSEF FIDLER, JEHYUN LEE, BARBARA DYMERSKA, DIETER SUESS

Sessions

SYTM 1.1–1.5	Mon	9:30–12:00	H 0105	Tailoring magnetism in L1₀ ordered nanostructures: Perspectives for magnetic recording beyond 1 Tb/in²
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