

NANO WIRES (SYNW)

Jointly organized by
 Thin Films (DS)
 Semiconductor Physics (HL)
 Metal and Material Physics (MM)
 Surface Physics (O)
 Low Temperature Physics (TT)

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OVERVIEW OF INVITED TALKS AND SESSIONS

(lecture room HSZ 04)

Invited Talks

SYNW 1.1	Wed	14:00	(HSZ 04)	Electrodeposition and Functional Properties of Metal Nanowires , <u>Reginald M. Penner</u> ,
SYNW 1.2	Wed	14:30	(HSZ 04)	Quantum coherent transport in semiconductor nanowires , <u>Silvano De Franceschi</u> , Jordan van Dam, Yong-Joo Doh, Leo Kouwenhoven, Aarnoud Roest, Erik Bakkers
SYNW 1.3	Wed	15:00	(HSZ 04)	In situ Transmission Electron Microscopy Studies of Vapor-Liquid-Solid Phase Growth of Si Nanowires , <u>S. Kodambaka</u> , J. B. Hannon, J. Tersoff, M.C. Reuter, R.M. Tromp, F.M. Ross
SYNW 2.1	Wed	16:00	(HSZ 04)	Quantum devices based on heterostructure semiconductor nanowires , <u>Claes Thelander</u>
SYNW 2.2	Wed	16:30	(HSZ 04)	ZnO nanowires and nanowire arrays: controlled growth and microscopic characterizations , <u>Hongjin Fan</u>
SYNW 2.3	Wed	17:00	(HSZ 04)	Electrically-Driven Nanowire Devices for Sensors and Photonics , <u>Oliver Hayden</u>

Sessions

SYNW 1	Symposium: Nano-Wires I	Wed 14:00–15:30	HSZ 04	SYNW 1.1–1.3
SYNW 2	Symposium: Nano-Wires II	Wed 16:00–17:30	HSZ 04	SYNW 2.1–2.3