

Symposium Spin-Orbit Coupling and Spin Relaxation in Graphene and Carbon Nanotubes (SYGN)

jointly organized by
the Low Temperature Physics Division (TT),
the Magnetism Division (MA),
the Semiconductor Physics Division (HL),
the Thin Films Division (DS), and
the Metal and Material Physics Division (MM)

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Overview of Invited Talks and Sessions

(Lecture room H1)

Invited Talks

SYGN 1.1	Mon	14:00–14:35	H1	Models for spin-orbit coupling in graphene — ●FRANCISCO GUINEA
SYGN 1.2	Mon	14:35–15:10	H1	Spin-orbit coupling and spin relaxation in carbon nanotube quantum dots — ●FERDINAND KUEMMETH
SYGN 1.3	Mon	15:10–15:45	H1	Spin-orbit interaction in carbon nanotubes probed in pulsed magnetic fields — ●SUNGHO JHANG
SYGN 1.4	Mon	16:00–16:35	H1	Wigner molecules and spin-orbit coupling in carbon-nanotube quantum dots — ●MASSIMO RONTANI
SYGN 1.5	Mon	16:35–17:10	H1	Spin relaxation and decoherence in graphene quantum dots — ●GUIDO BURKARD
SYGN 1.6	Mon	17:10–17:45	H1	Spin transport in graphene field effect transistors — ●BART VAN WEES

Sessions

SYGN 1.1–1.6	Mon	14:00–17:45	H1	Spin-Orbit Coupling and Spin Relaxation in Graphene and Carbon Nanotubes
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