

Symposium Exact-exchange and hybrid functionals meet quasiparticle energy calculations (SYEC)

jointly organized by
Surface Science Division (O),
Semiconductor Physics Division (HL),
Dielectric Solids Division (DF), and
Low Temperature Physics Division (TT)

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Overview of Invited Talks and Sessions

(lecture rooms A 053 and A 151; Poster F)

Invited Talks

SYEC 1.1	Thu	9:30–10:00	A 151	Nonlocal exact exchange: range separation, hybridization, and local variants — ●GUSTAVO SCUSERIA
SYEC 1.2	Thu	10:00–10:30	A 151	Magnetization-current density-functional theory — ●ANDREAS GÖRLING
SYEC 1.3	Thu	10:30–11:00	A 151	GW and hybrid functionals applied to extended systems — ●GEORG KRESSE
SYEC 1.4	Thu	11:00–11:30	A 151	Electronic properties of solids within a GW-based DFT scheme: Local versus non-local hybrid functionals — ●ANGEL RUBIO
SYEC 1.5	Thu	11:30–12:00	A 151	The Quasiparticle Self-Consistent GW Approximation — ●MARK VAN SCHILFGAARDE
SYEC 1.6	Thu	12:00–12:30	A 151	Ab-initio Many-Body Perturbation Theory of Electrons, Holes, Excitons, and their Dynamics — ●MICHAEL ROHLFING

Sessions

SYEC 1.1–1.6	Thu	9:30–12:30	A 151	Exact-exchange and hybrid functionals meet quasiparticle energy calculations I
SYEC 2.1–2.12	Thu	14:00–17:00	A 053	Exact-exchange and hybrid functionals meet quasiparticle energy calculations II
SYEC 3.1–3.7	Thu	18:30–19:30	Poster F	Exact-exchange and hybrid functionals meet quasiparticle energy calculations III - Poster (joined by SYMS posters)
SYEC 4.1–4.9	Fri	10:15–12:30	A 151	Exact-exchange and hybrid functionals meet quasiparticle energy calculations IV