Hamburg Photon Science Colloquium

RAMAN SPECTROSCOPY FOR THE MASSES (OF CARBON ATOMS)

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The correct theory of Raman scattering, formulated by Kramers, Heisenberg and Dirac (KHD), has been in continuous use for 90 years. Some years ago a kind of orphan model was born that is incompatible with the KHD theory. This situation has given us a very late opportunity to apply the KHD theory to graphene for the first time. Many new results emerge, illuminating some fresh principles in solid-state spectroscopy. We also discuss poly acetylene, which in very many respeects was the old graphene.

FRIDAY,
23.10.2015

2:00 PM

CFEL
SEMINAR ROOMS I-III