Hamburg Photon Science Colloquium

FASCINATING QUANTUM WORLD OF ATOMICALLY THIN 1D & 2D MATERIALS

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Symmetry, interaction and topological effects dominate many quantum properties of reduced-dimensional systems, leading often to manifestation of novel phenomena not seen in bulk materials.
Here, I present some fascinating discoveries in atomically thin 1D and 2D materials, including strongly bound excitons with novel energy level structures and optical selection rules, tunable magnetism and plasmonic properties; new topological phases; correlated multi-particle excitations; etc.

FRIDAY,
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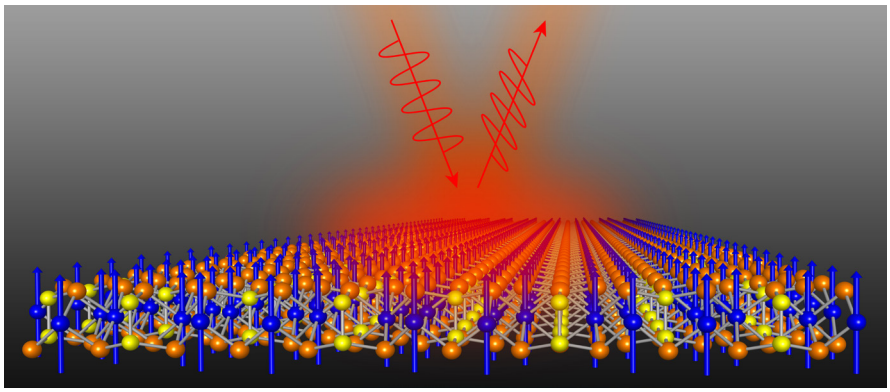
2:00 PM

CFEL
SEMINAR ROOMS I-III



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