Hamburg Photon Science Colloquium

MANY BODY PHYSICS IN EXCITON GASES

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Excitons are bound states, formed by optically or electrically excited electron-hole pairs in a solid. Even though excitons have been studied for 100 years, exciton gases continue to provide new insights into many-body physics. In particular, atomically thin semiconductors constitute a new, remarkable playground for exciton physics in two dimensions. In this talk, I will discuss the theoretical description of excitons in close comparison to recent experiments in optical and electronic spectroscopy.

FRIDAY,
22.11.2024

2:00 PM

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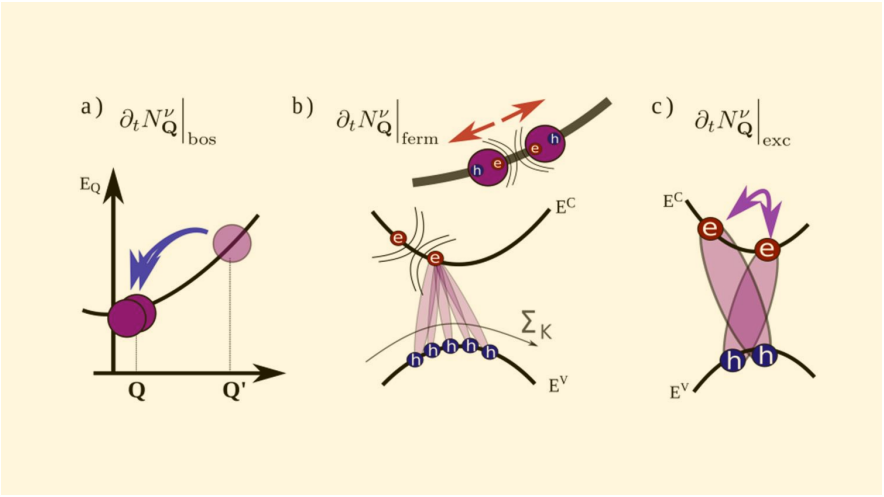

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