

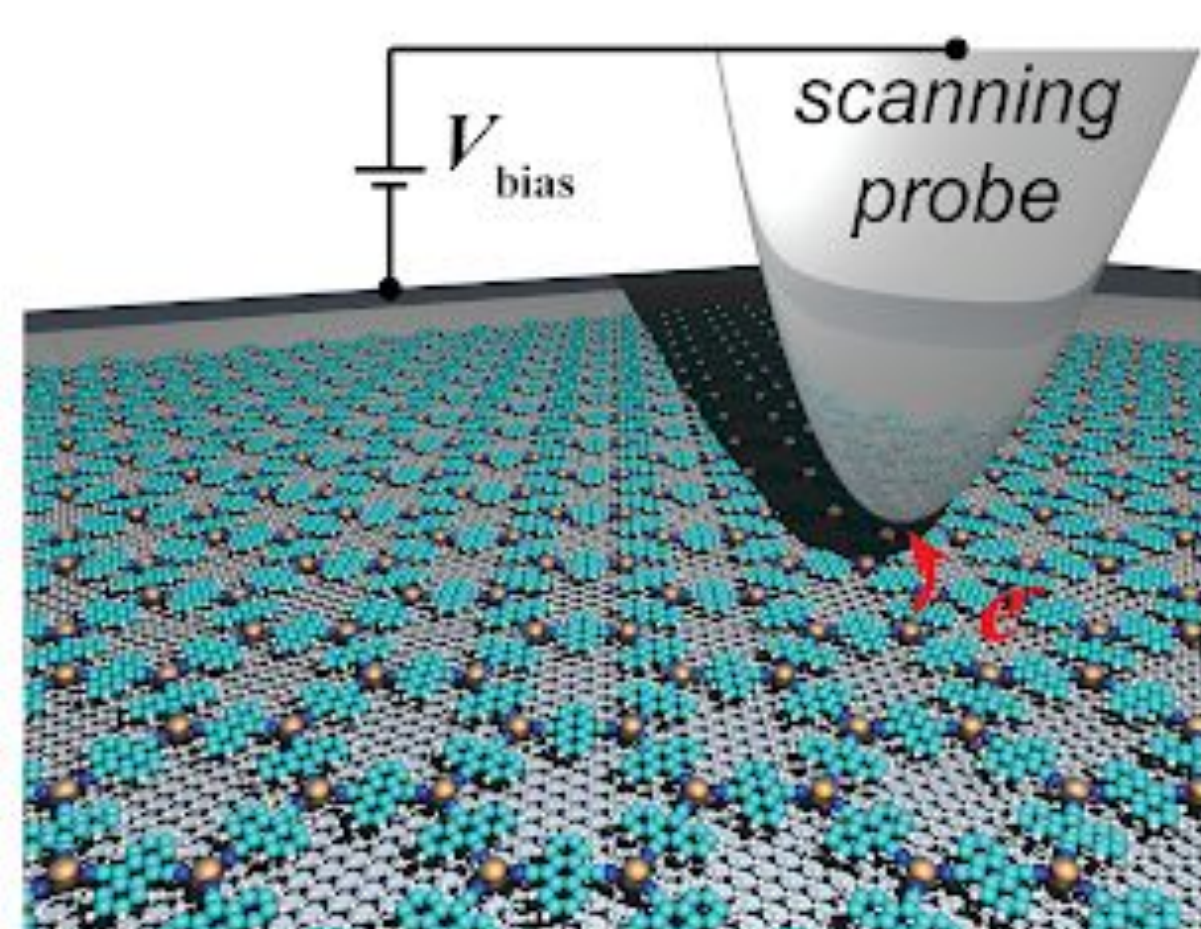
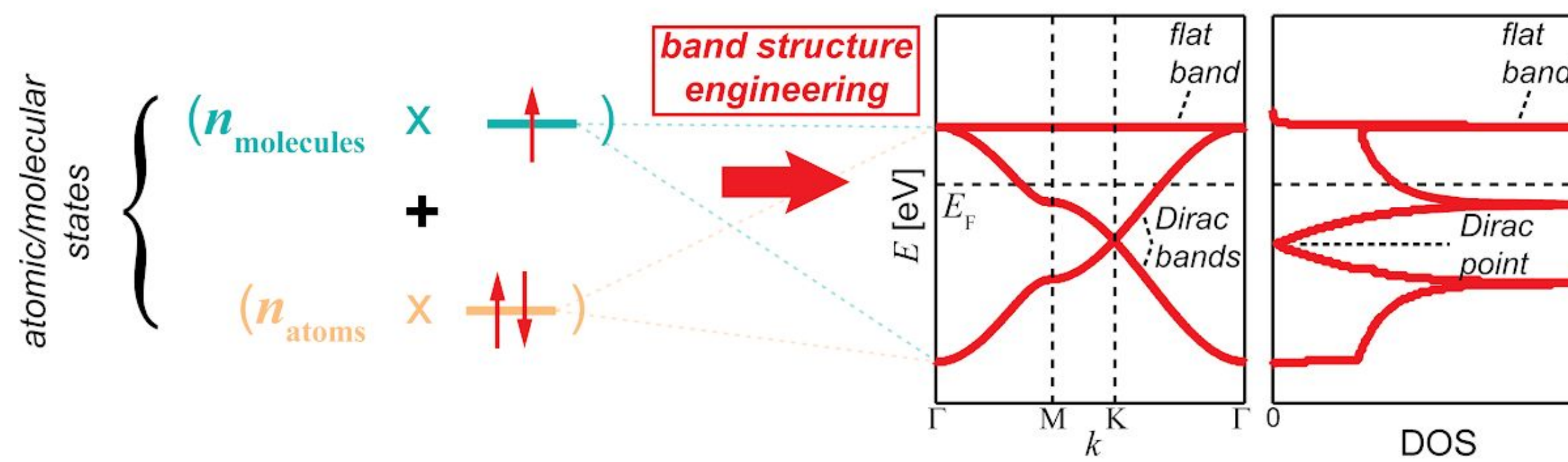
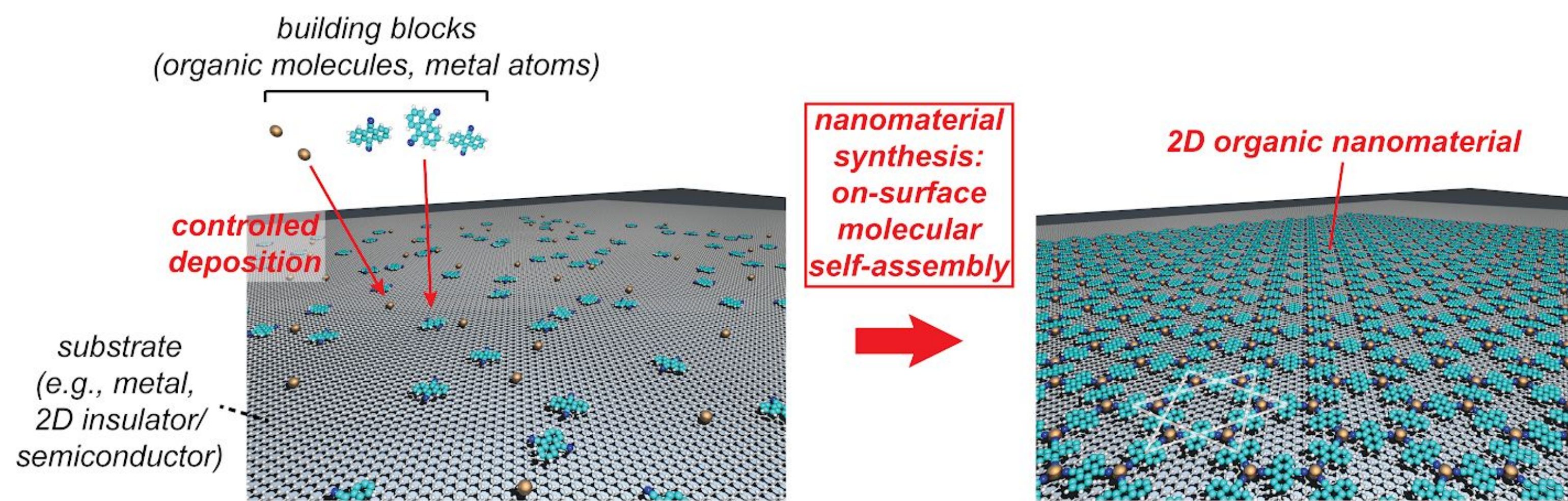
Laboratory of Solid State Nano Physics

School of Physics and Astronomy, Monash University, Melbourne, VIC 3800, Australia

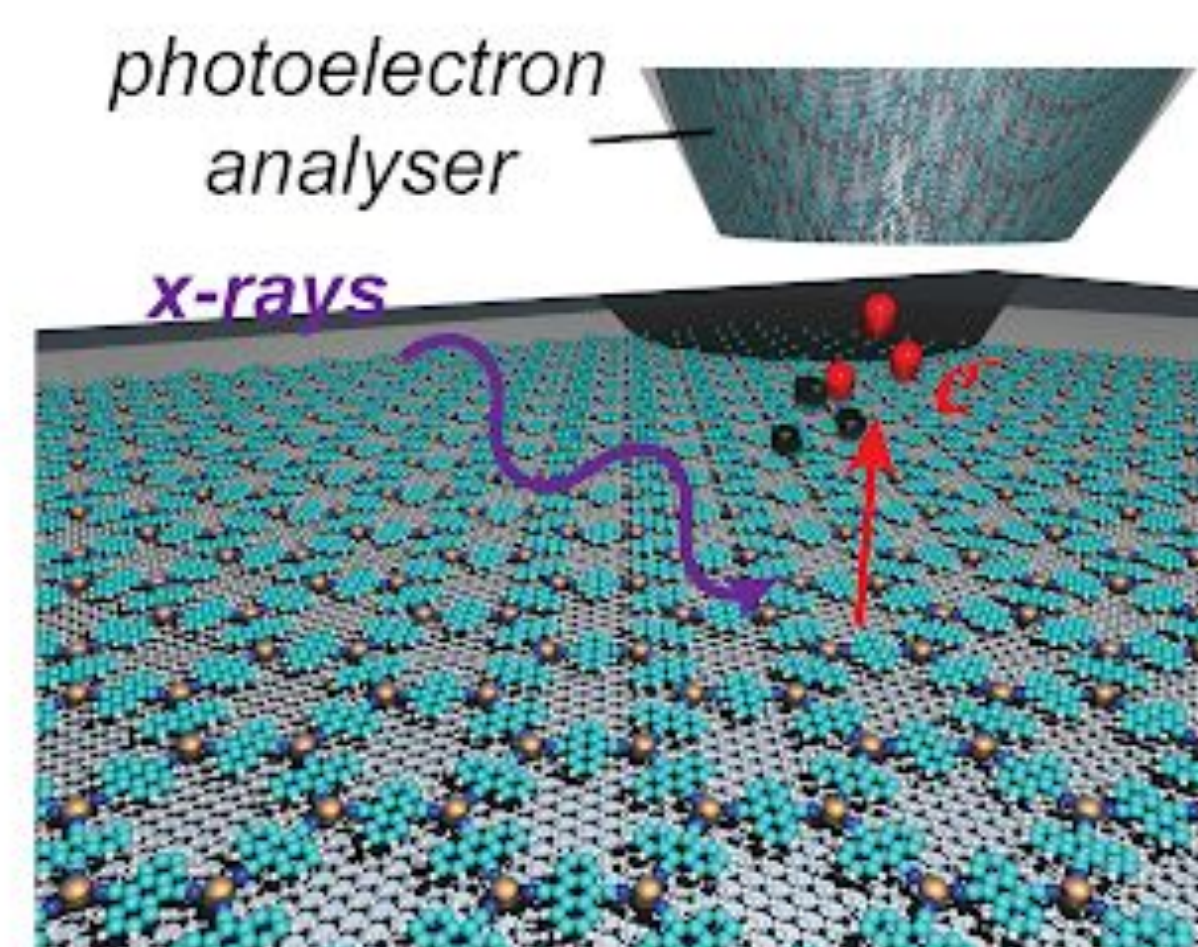
“Engineering functional low-dimensional quantum materials with atomic-scale precision”

“We synthesise and characterise atomically precise, low-dimensional nanomaterials with tailored quantum (i.e., electronic, optoelectronic, magnetic, chemical) properties”

“We use supramolecular self-assembly and metal-organic coordination on surfaces for the design of functional electronic quantum nanomaterials”

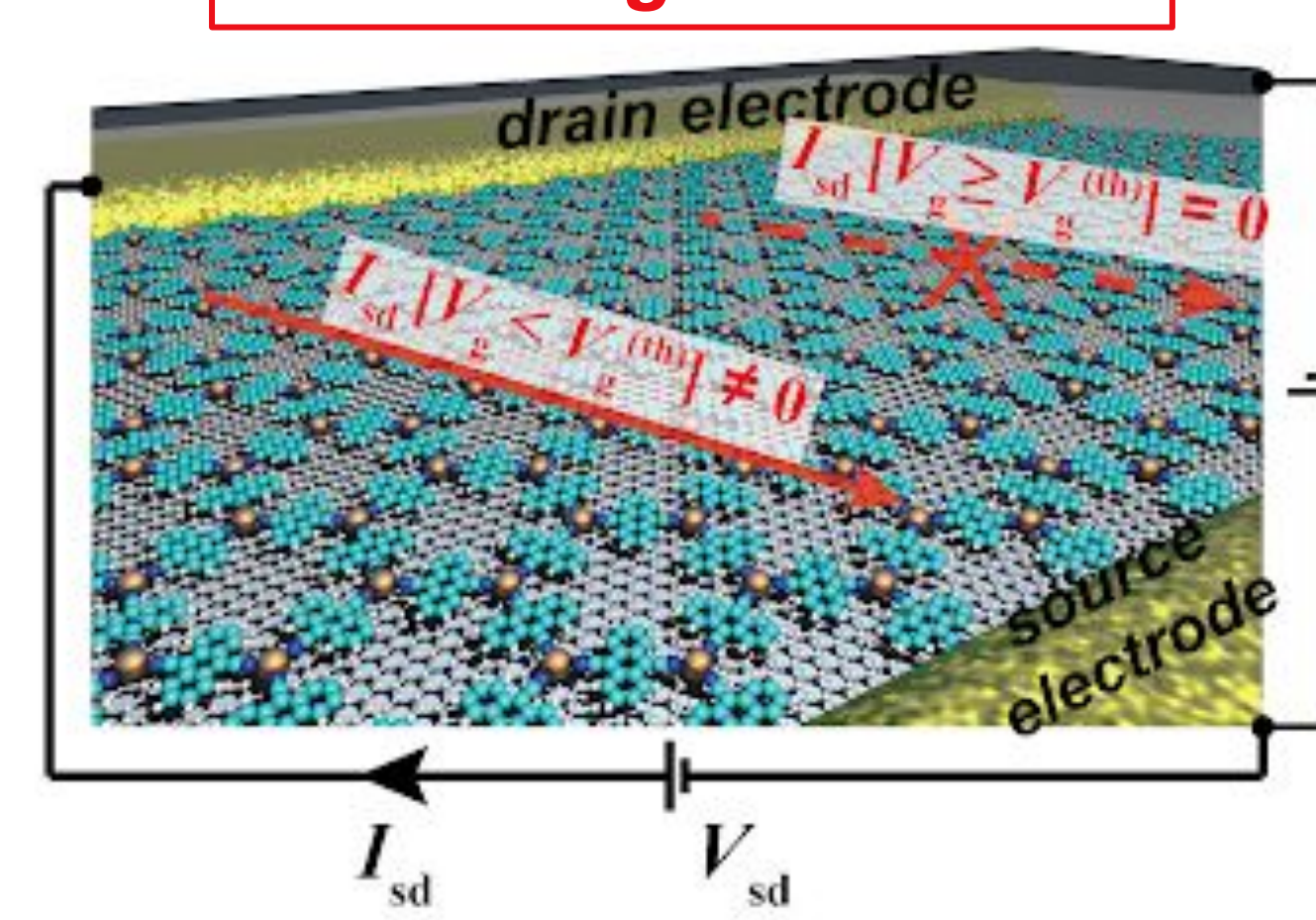


atomic-scale characterisation

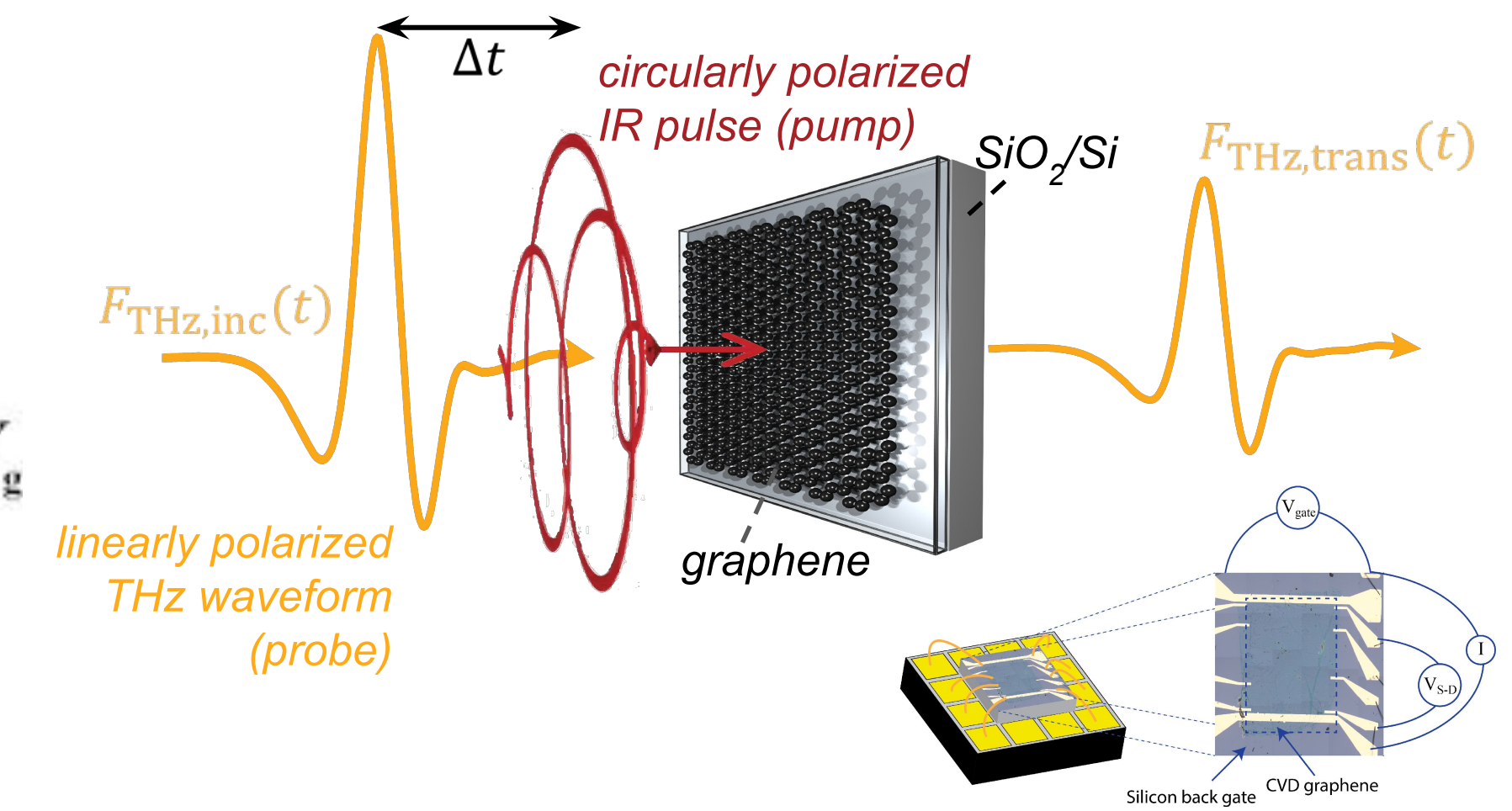


Electronic/chemical characterisation

Electronic device integration

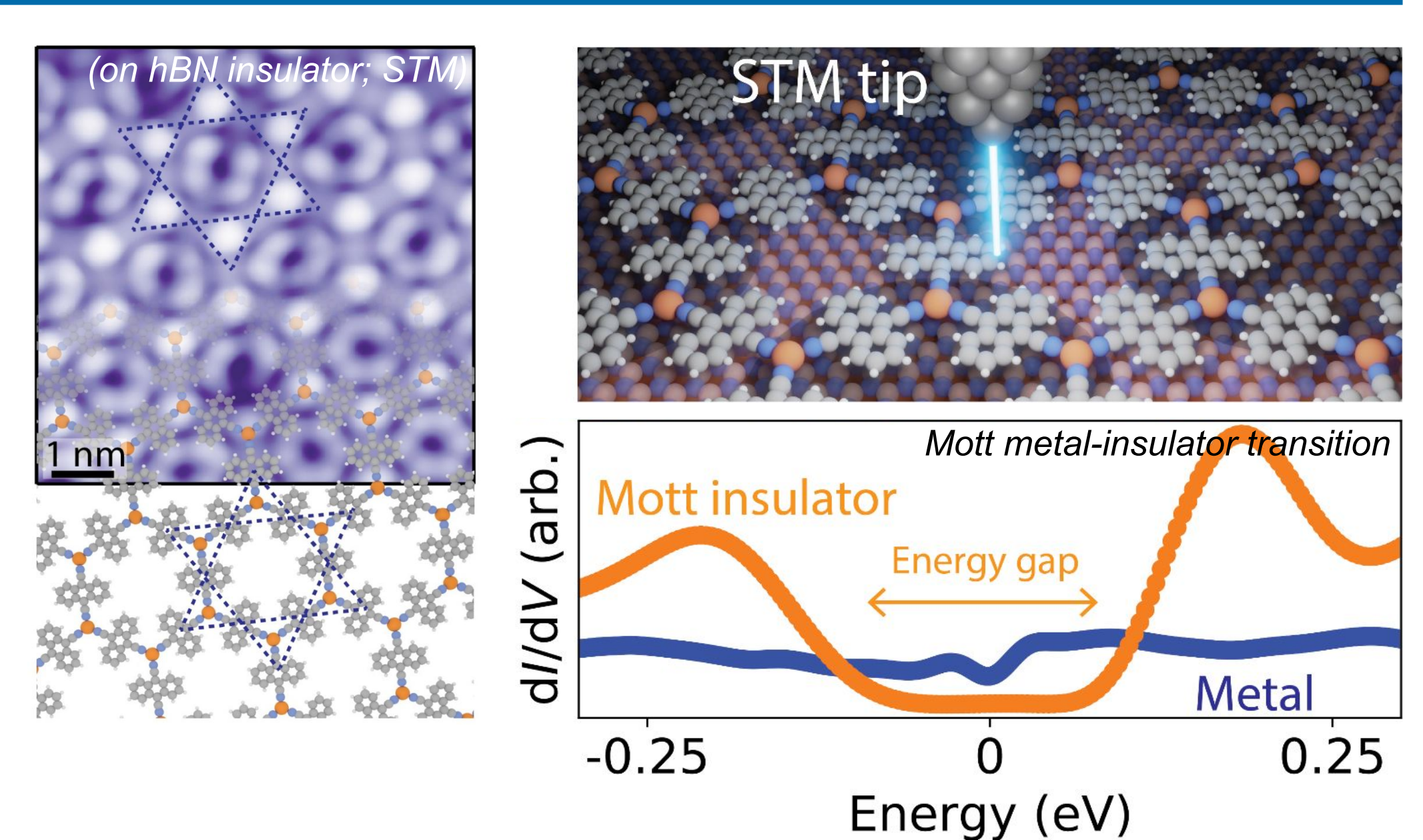
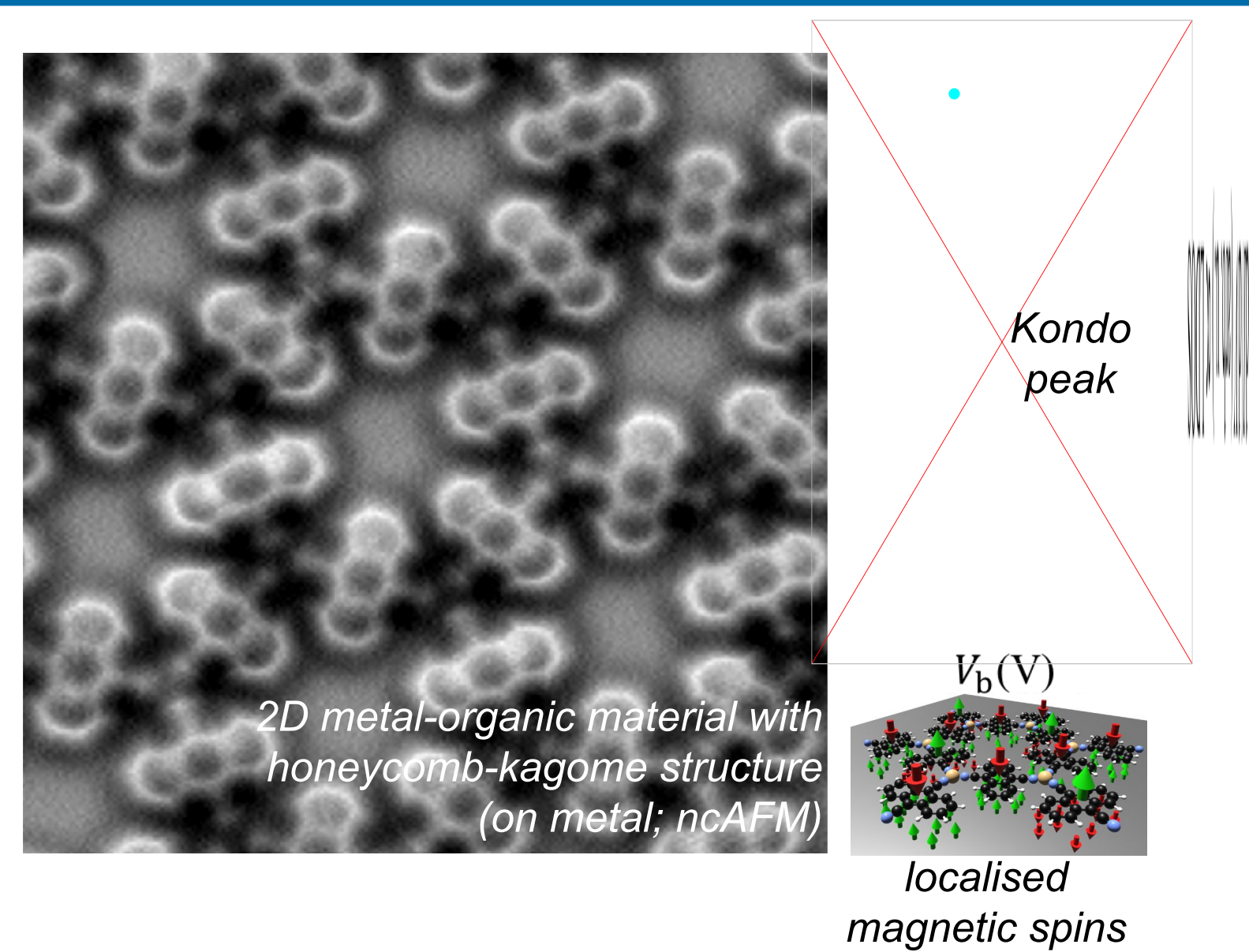
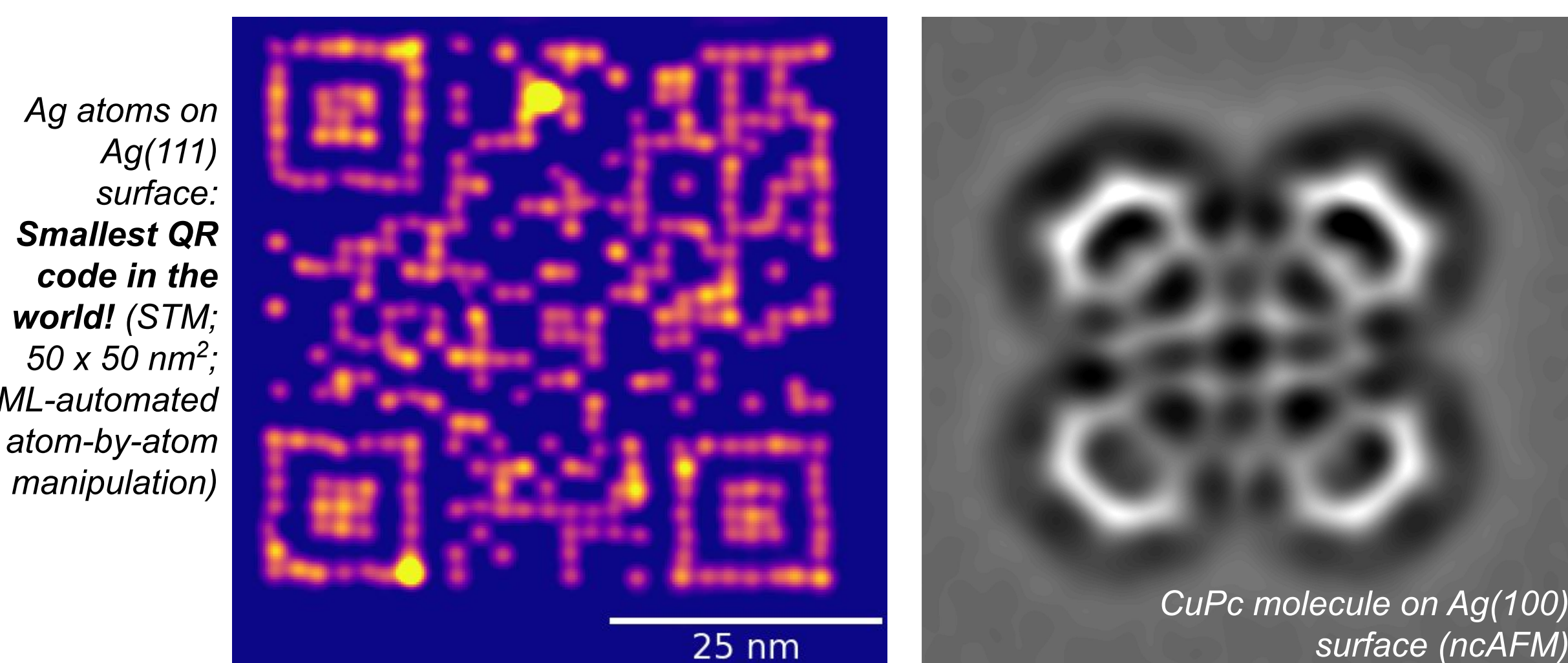


Ultrafast dynamics



“We study...”

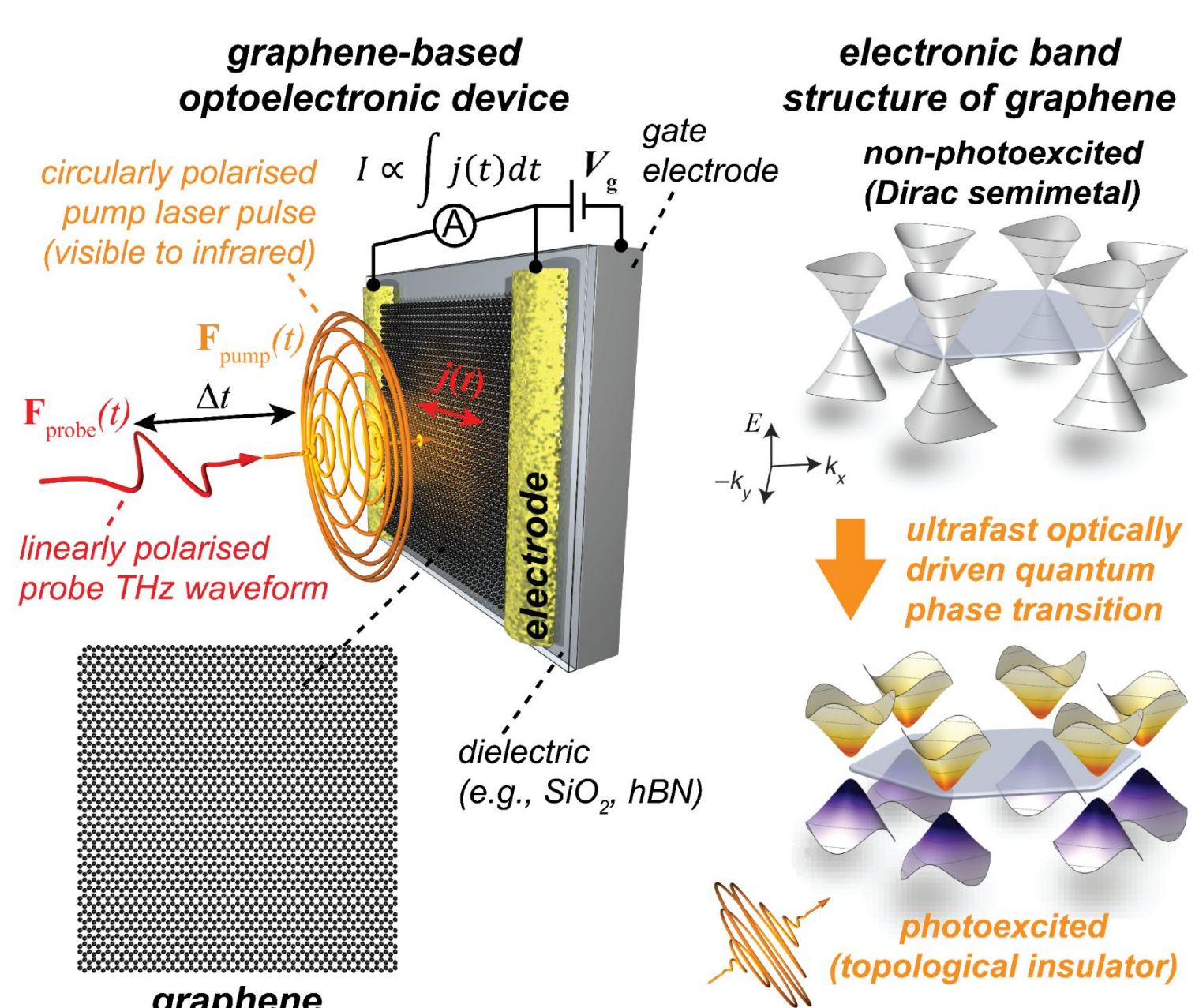
“...atoms and molecules on surfaces...”



“...organic and metal-organic nanostructures and nanomaterials...”

“...hybrid electronic devices based on low-dimensional nanomaterials...”

“...ultrafast dynamics and optically controlled quantum properties in 2D materials”



“Our Team...”

