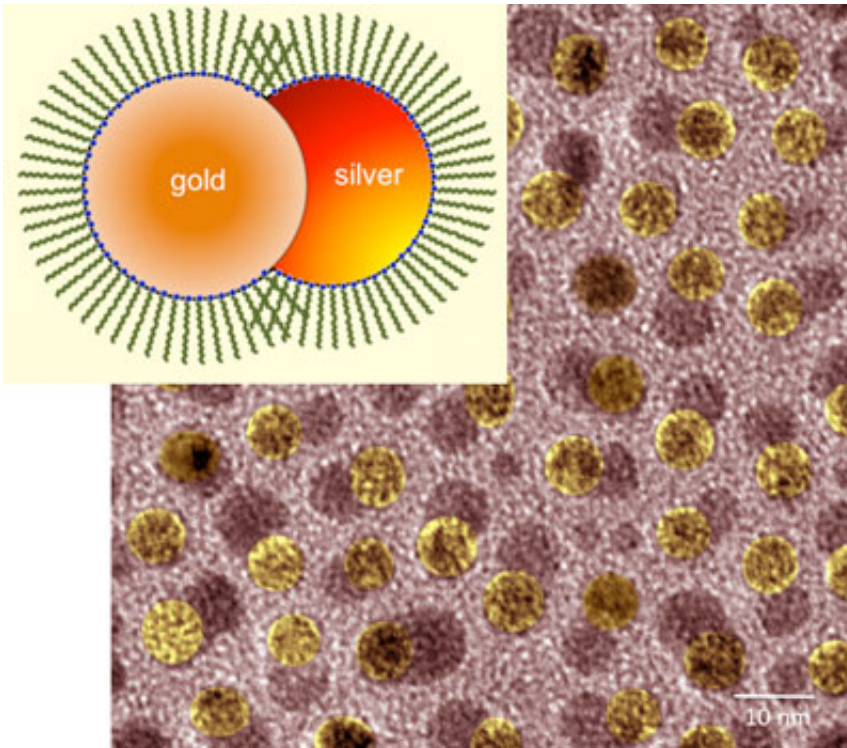


Surface plasmon resonance in interfaced heterodimers

October 22 2013



Silver and gold nanoparticle heterodimers (about 10 nm across); green wavy lines represent surfactant molecules in the schematic. Underlying is a TEM image of gold (golden color) and silver (dark gray) nanoparticles after epitaxial overgrowth for 180 sec.

High-quality interfaced Au-Ag heterodimers in the quantum size regime (diameter

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