

Personal photo: This photo shows graduate student Na Liu (first author of the paper) together with Prof. Harald Giessen next to the FTIR microscope, where the nanostructures are characterized optically.

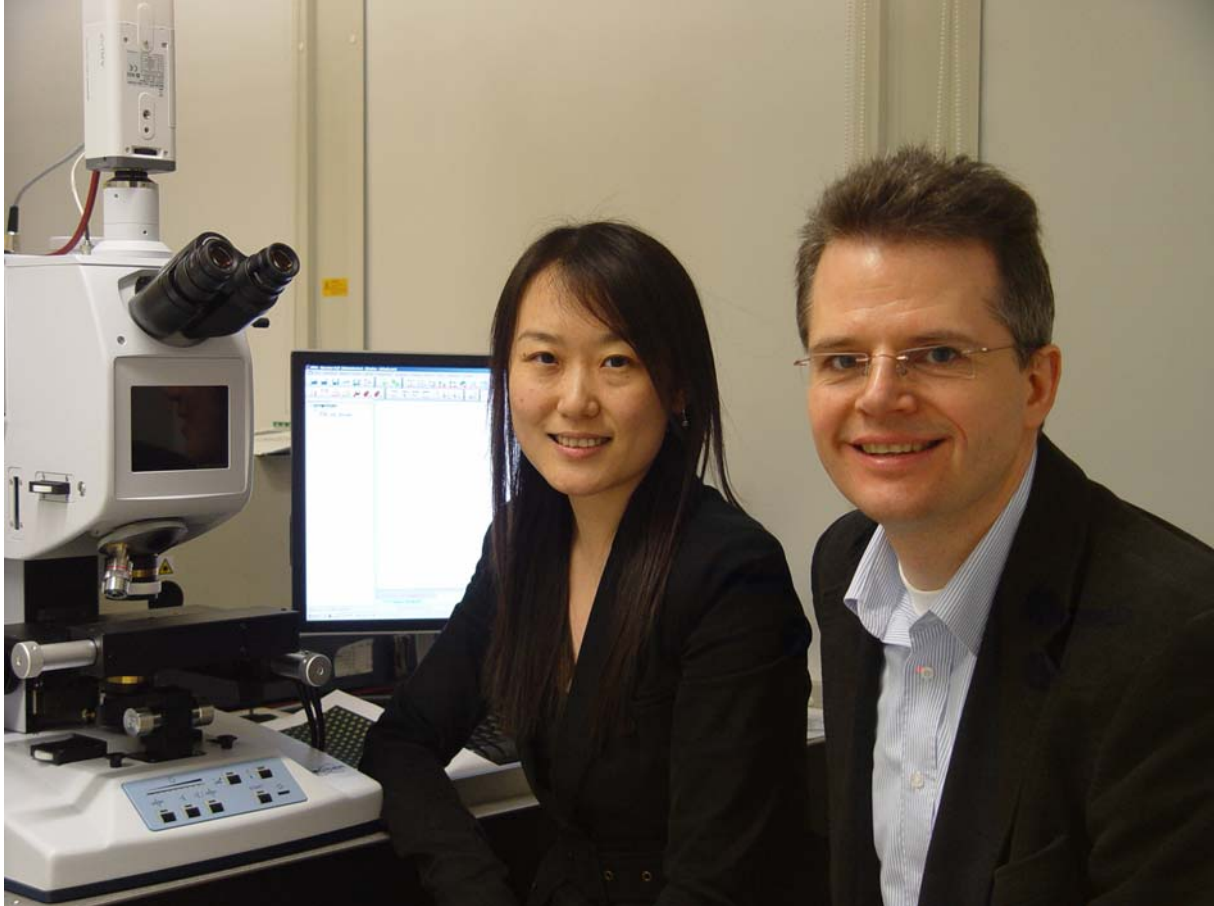


Figure 1: Concept drawing of stacked split-ring resonators made from gold and stacked on a glass substrate with polymer spacer layers.

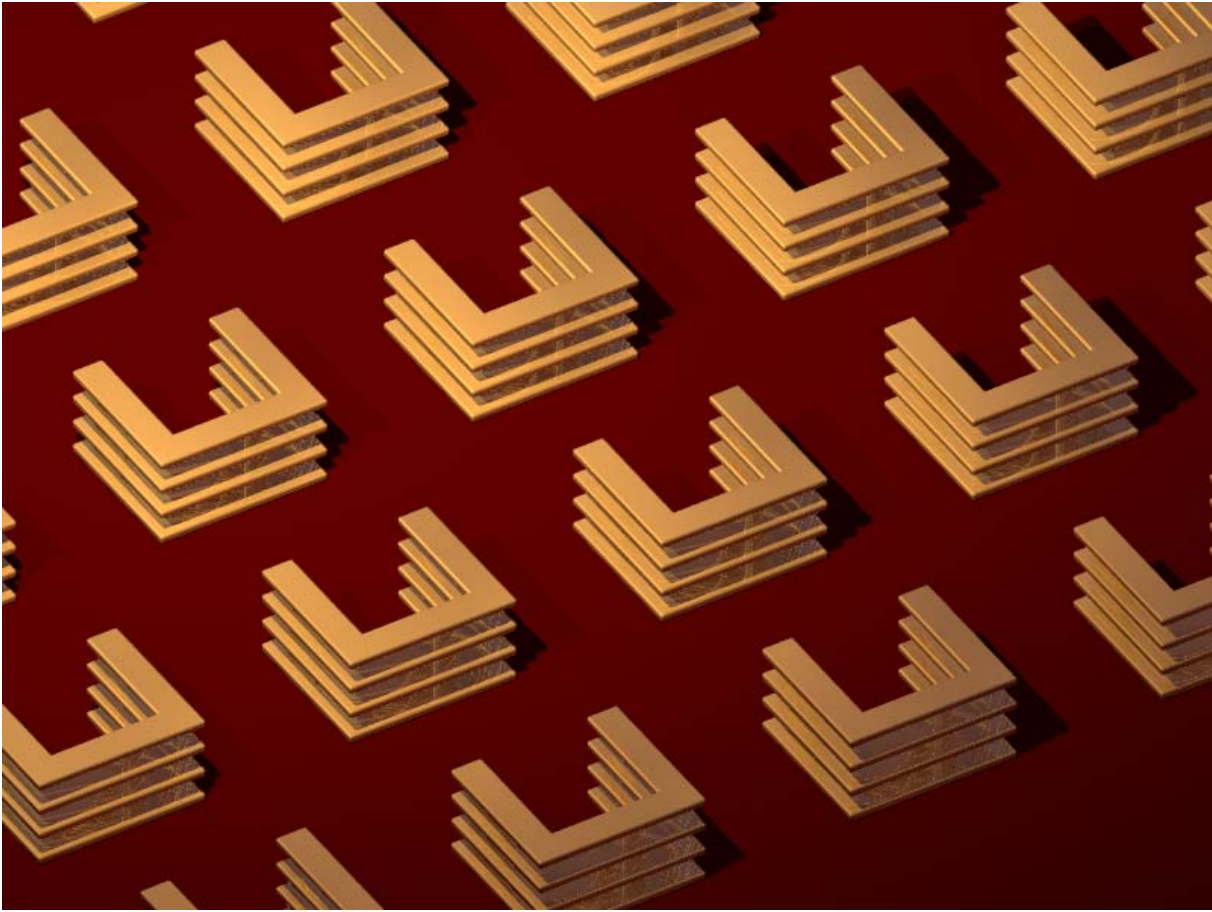


Figure 2: SEM image of the manufactured three-dimensional metamaterial, comprising 4 layers of gold split-ring resonators.

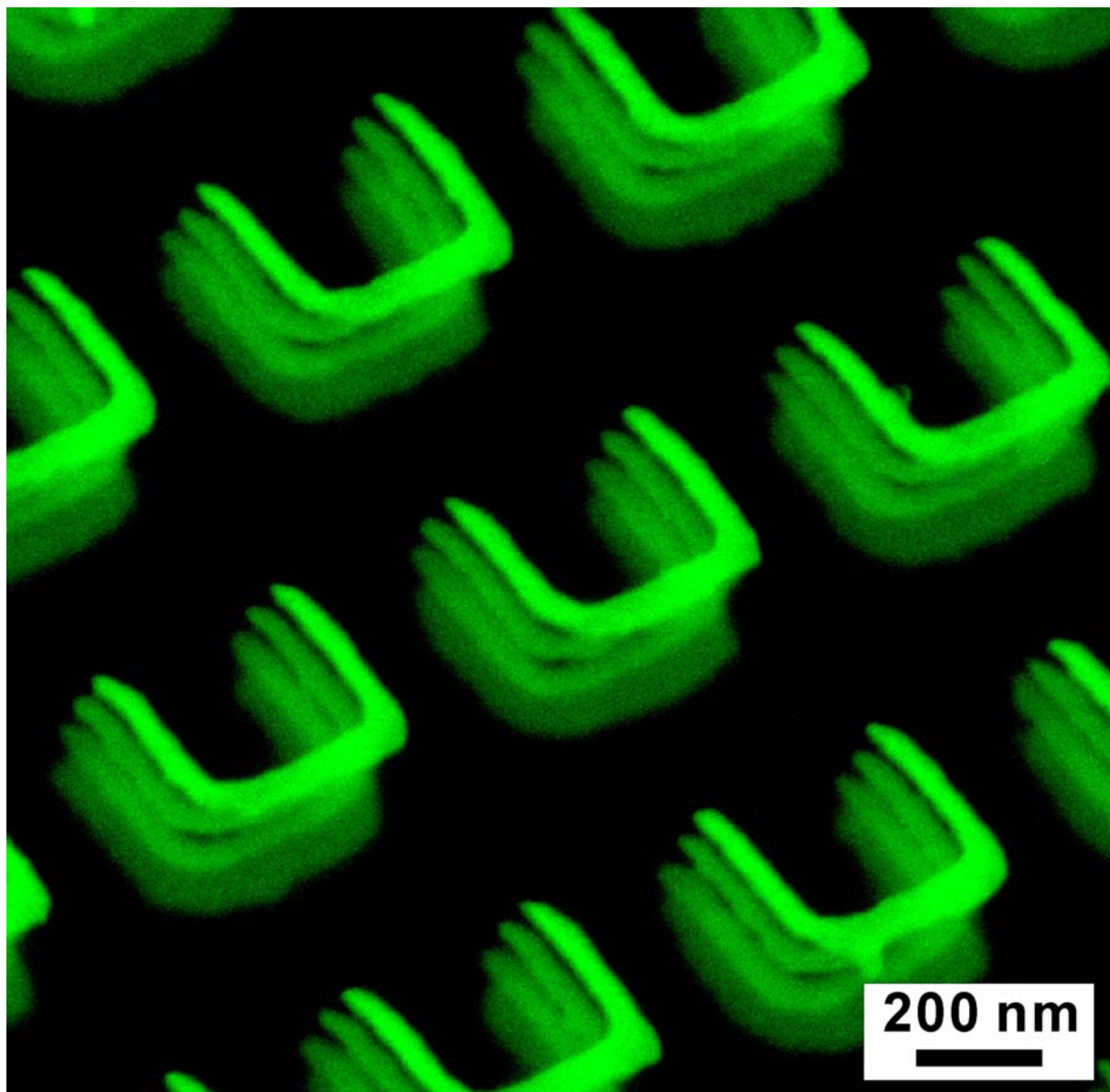


Figure 3: Schematic of the manufacturing process for stacked three-dimensional metamaterials.

