Understanding nucleation and growth of nanoparticles as well as their assembly, is essential for a practical design of nano-composites as well as the monitoring of their kinetic in solutions with different molecules as template.
Fig. 1: A) SEM images of nanostructure obtained at different temperatures. B) Experimental setup of in situ time resolved SAXS experiment. C) Time evolution of 3D SAXS normalized profiles during the AgNO$_3$ reduction at 40°C.


CONTACTS

Gaetano Campi
Email: gaetano.campi@ic.cnr.it
Tel: +39/06/90672624