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## Kinetics of particle formation during laser ablation synthesis in solution

*Friday, 16 September 2011 13:09 (2 minutes)*

Laser ablation synthesis in solution is a versatile technique to produce nanoparticles of a large variety of materials. Understanding the involved mechanisms implies the study of the kinetics on the nanoscale with high time resolution.

A time gating technique has been applied to resolve the particle formation process with small angle scattering with a resolution of tens of microseconds. The structural kinetics will be discussed together with the prospects.

### Please specify the session

Soft condensed matter

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talk

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