



10th International Conference Series on  
Laser-light and Interactions with Particles

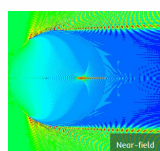
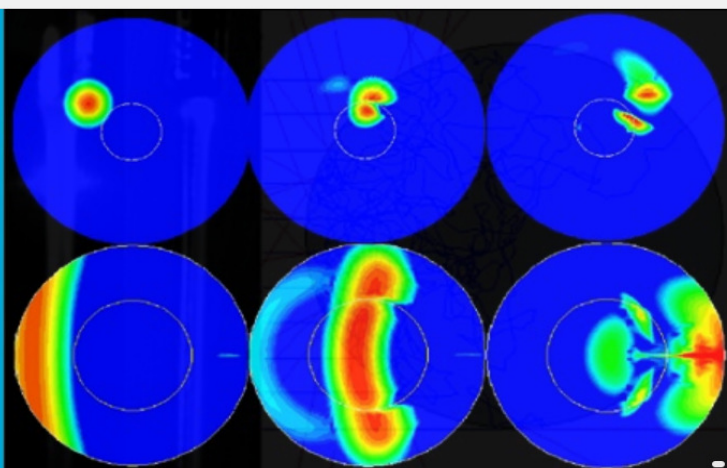
August 25-29th, 2014, Marseille, France.

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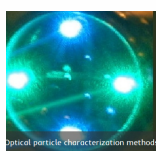


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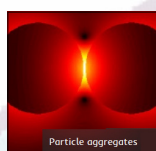
25-29th August 2014  
Marseille, France



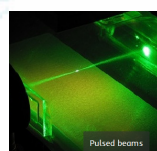
Near-field



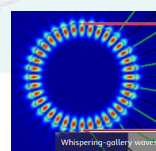
Optical particle characterization methods



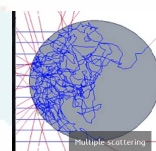
Particle aggregates



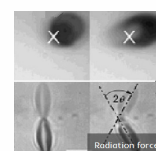
Pulsed beams



Whispering-gallery waves

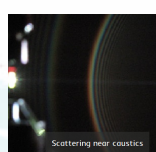


Multiple scattering

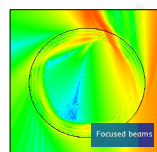


Radiation forces

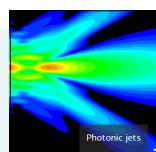
# Laser-light and Interactions with Particles



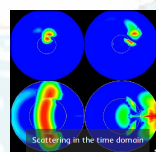
Scattering near caustics



Focused beams



Photonic jets



Scattering in the time domain

Beam shape description,  
Far-field scattering,  
Time-resolved scattering,  
Mechanical effects of light,  
Near fields and morphology-dependent-resonances,  
Complex shaped particles and aggregates,  
Multiple scattering in dense media,  
Optical particle sizing and characterization methods



[www.lip2014.eu](http://www.lip2014.eu)