

Sunday, 18th

TIME			
	On-site registration (Get together party) (16:00-18:00)		

Monday, 19th

TIME					
08:00-08:20	On-site registration				
08:20-08:40					
08:40-09:00					
09:00-09:15	Opening				
09:15-09:40	keynote		Barcikowski, Stephan	Strategies to Harvest the Unique Properties of PLAL-generated Nanomaterials in Biomedical and Energy Applications	
09:40-10:00					
10:00-10:20	Application 1	10-01	Wada, Hiroyuki	Preparation and Biomedical Application of Upconversion Nanoparticles Prepared by Laser Ablation in Liquid	
10:20-10:40		10-02	Xiao, Jun	One-step synthesis of dual-modality nanoprobe for <i>in vivo</i> imaging	
10:40-11:00		10-03	Olea-Mejia, Oscar	SERS-active Ag-Au alloy nanoparticles obtained by laser ablation in liquids for sensing methylene blue	
11:00-11:20		Coffee break			
11:20-11:40		10-04	Meneghetti, Moreno	Multifunctional nanostructures obtained by laser ablation synthesis in solution with plasmonic properties for SERS signals and magnetic properties for MRI and for magnetic selection.	
11:40-12:00		10-05	Million, Nina	Pulsed laser ablation in aqueous polymer precursor solutions for embedding bioactive nanoparticles <i>in situ</i> into microgel fibres for the care of burn wounds	
12:00-12:20	10-06	Rehbock, Christoph	Oocyte maturation as a highly sensitive model to explore toxicity of metal and metal alloy nanoparticles		
	Lunch 12:20-13:40				
13:40-14:10	Mechanism	Invited 1	Sasaki, Koichi	Generation processes of nanoparticles in liquid-phase laser ablation: Insights obtained by in-situ diagnostics	
14:10-14:30		10-07	Amans, Davis	Spectroscopy of molecular and atomic species during laser ablation in liquids: questions regarding chemistry and local thermodynamic equilibrium	
14:30-14:50		10-08	Lam, Julien	On the use of Computational Chemistry to understand the Cluster Generation processes	
14:50-15:10		10-09	Matsumoto, Ayumu	Effect of laser fluence on atomic density ratio in the plasma produced by ns laser ablation on a Cu-Zn alloy	
15:10-15:30		10-10	Tanabe, Rie	Bubble dynamics in laser ablation in liquid studied through high-speed laser stroboscopic videography	
15:30-16:00		Coffee Break			
16:00-16:30	Methodology	Invited 2	O'Malley, Sean M.	Nanoparticle Synthesis by Picosecond Laser Ablation of Thin-Films in Liquids	
16:30-16:50		10-11	Yatsuhashi, Tomoyuki	Hydrophilic and Hydrophobic Carbon Nanoparticle Production from Organic/Water Bilayer with Laser Plasma Filament	
16:50-17:10		10-12	Muttaqin	Synthesis of gold nanoparticles colloids by highly-intense laser irradiation of aqueous solution in a continuous flow	
17:10-17:30		10-13	Lau, Marcus	Laser fragmentation and mass-specific energy balancing in a free liquid jet for fragmentation threshold determination	
17:30-17:50		Break			
17:50-18:10	Poster Session 17:50-19:30				
18:10-18:30					
18:30-18:50					
18:50-19:10					
19:10-19:30					

Tuesday, 20th

TIME			
08:00-08:20	On-site registration		
08:20-08:40			
08:40-09:00			
09:00-09:20	Sub-micron meter spheres	20-14	Ishikawa, Yoshie Reactive fabrication of MgTi ₂ O ₅ spherical particles by pulsed laser melting in liquid from raw particle mixture
09:20-09:40		20-15	Rehbock, Christoph Totally surfactant-free Au submicrometer spheres with variable surface textures fabricated by Pulsed Laser Melting in Liquid (PLML)
09:40-10:00		20-16	Nakamura, Maki Fabrication of calcium phosphate submicrometer spheres by pulsed laser irradiation to calcium phosphate reaction mixture
10:00-10:20		20-17	Tsuji, Takeshi Preparation of non-toxic gold submicron-sized particles using laser-induced melting in liquids
10:20-10:40		20-18	Swiatkowska-Warkocka, Zaneta Synthesis of the non-equilibrium bimetallic nano-alloys by pulse laser melting in liquid
10:40-11:00		Coffee break	
11:00-11:30	Material 1	Invited 3	Du, Xi-Wen Controllable synthesis of functional nanostructures by long-pulse-width laser
11:30-11:50		20-19	Shaji, Sadasivan Pulsed laser ablation of CuInGaSe ₂ alloy in different liquid media
11:50-12:10		20-20	Nakamura, Takahiro Pd-based alloy nanoparticles through femtosecond laser irradiation of aqueous solution supported on oxide
12:10-12:30		20-21	Shafeev, Georgy Generation of core-shell nanoparticles Ti@Al by laser ablation in liquid for hydrogen storage
12:30-12:50		20-22	Sun Ren-De Preparation of Metal Sulfide Semiconductor Nanoparticles by a Solution-phase Laser Ablation Method
	Group photo Lunch 13:00-14:20		
14:20-14:30			
14:30-14:40	Excursion		
14:40-15:00			
15:00-15:20			
15:20-15:40			
15:40-16:00			
16:00-16:20			
16:20-16:40			
16:40-17:00			
17:00-17:20	Free time		
17:20-17:40			
17:40-18:00			
18:00-18:20			
18:20-18:40			
19:00-19:20	Banquet 19:00-21:00		
19:20-19:40			
19:40-20:00			
20:00-20:20			
20:20-20:40			
20:40-21:00			

Wednesday, 21st

TIME					
08:00-08:20					
08:20-08:40					
08:40-09:00					
09:00-09:30	Material 2	Invited 4	De Giacomo, Alessandro	Double pulse laser ablation in liquid for the production of nano-structures: fundamental aspects and potential advantages	
09:30-09:50		30-23	Schaumburg, Christian Alexander	Laser Ablation of Copper Precursors Suspended in Organic Liquids	
09:50-10:10		30-24	Mafune, Fumitaka	Surfactant-free small nanoparticles trapped on silica particles prepared by pulsed laser ablation in liquid	
10:10-10:30		30-25	Barmina, Ekaterina	Self-assembly of nanoparticles into nanowires under laser exposure in liquids	
10:30-10:50		30-26	Liu, Jun	Reactivity of colloidal nanoparticles generated by laser ablation in liquids	
10:50-11:10		Coffee break			
11:10-11:30		30-27	Jeon, Hyeon-Gu	Solvent-dependence of dispersion stability of organic semiconductor colloids prepared by laser ablation	
11:30-11:50		30-28	Kurawaki, Jun-ichi	Electron transfer of porphyrin-polypeptide composite particles produced by laser ablation	
11:50-12:10		30-29	Compagnini, Giuseppe	Advances in porous graphene and graphene quantum dots synthesis by pulsed laser ablation in liquid environments	
12:10-12:30		30-30	Olea-Mejia, Oscar	Bismuth-based nanostructures obtained by laser ablation in liquids	
12:30-12:50		30-31	Trasenska, Natalie	Laser-induced phase-structure changes in ZnO colloidal nanoparticles	
	lunch 12:50-14:10				
14:10-14:40	Application 2	Invited 5	Kim, Dongsik	Laser treatment to modify thermal and colloidal properties of nanofluids	
14:40-15:00		30-32	Xin, Yunzi	Si quantum dots synthesized by pulsed laser ablation and development of whitish blue LED	
15:00-15:20		30-33	Liu, Jun	Synthesis and Nanomedicine Application of Nanoparticles prepared by Laser Ablation in Liquid	
15:20-15:40		Coffee break			
15:40-16:00		30-34	Kling, Rainer	Photoluminescent Nanoparticles Generated by High Repetition Rate Femtosecond Lasers	
16:00-16:20		30-35	Ishigaki, Takamasa	Influence of surface hydrogenation on the phase formation in Y_2O_3 nanoparticles by the laser ablation in aqueous solutions	
16:20-16:40		30-36	Russo, Paola	Laser treated graphene oxide for dye removal water treatments	
16:40-17:00		30-37	Karimi, Reza	Z -scan measurement of nonlinear refractive index of Graphene	
17:00-17:15	Closing Remarks & Student Award Ceremony				
17:15	End of Conference				