



AddNano – WORKSHOP
World Tribology Congress
Torino, 10th September 2013
Palaolimpico Isozaki

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13:30-14:00	Welcome	
14:00-14:10	Introduction to AddNano Project	(Dr. T. Addison, BHR)
14:10-14:30	Fundamentals on nanoparticle synthesis	(Prof. P. Ciambelli, NANOMATES)
14:30-14:50	Fundamentals on Lubrication and Oil formulation	(Dr. Gunther Kraft, FUCHS Europe)
14:50-15:10	Tribological properties of inorganic fullerene-like MoS ₂ /WS ₂ nanoparticles and their lubrication mechanisms	(Prof. F. Dassenoy, ECL)
15:10-15:30	Dispersion of nanoparticles in oils	(Dr. T. Addison, BHR)
15:30-15:50	Dilutions and stabilization of Nanoparticles in solution	(Dr. E. Gard, InS)
15:50-16:10	Break	
16:10-16:30	Large-scale production of nanoparticles	(Dr. B. Halpert, NanoMaterials)
16:30-16:50	Behaviour of innovative formulated oils in vehicle real driving conditions	(Dr. M. Sgroi, CRF)
16:50-17:10	Engine emissions and compatibility with the after- treatment full-scale system of MoS ₂ -additivated lubricant oils	(Prof. D. Fino, Politecnico di Torino)
17:10-17:30	Life Cycle Assessment of nano-additivated lube oils	(Prof. G.A. Blengini, Politecnico di Torino)
17:30-18:00	Closing Remarks and Round Table	ALL