FP7 INFORMATION DAYs for Research PPPs on 11+12 July 2011

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Project information			
PPP - Factories of the Future			
Topic / Title	**FoF-ICT-2011.7.1 Smart Factories: Energy-aware, agile manufacturing and customisation**		
Capacities that we offer:	**Zaragoza Logistics Center (ZLC)** is a non-profit research institute established in 2004 by the Government of Aragon in Spain in partnership with **Massachusetts Institute of Technology (MIT)**. It has been created as in Zaragoza (Spain) as an international centre of excellence for education and research in logistics and supply chain management. The ZLC is directly linked to the development of PLAZA – the largest logistics park in Europe and it has partnered with the Center for Transportation and Logistics at MIT to form the **MIT-Zaragoza International Logistics Program**. Furthermore, ZLC is the headquarters of the National Centre of Excellence in Logistics, CNC-LOGISTICA, established by the Spanish Ministry of Science and Education, and coordinators of the Spanish Technology Platform in Logistics, Intermodality and Mobility, of Logistop. ZLC's main research areas are: • Manufacturing and mass customization • Information systems in the supply chain • ICT for Mobility, Environmental Sustainability and Energy Efficiency • Design of global supply chains and networks • Transport and logistics infrastructures • Health systems • Incentives and contracts in the supply chain • Learning in the supply chain • Green Logistics • Etc <u>European Projects</u> • SECURESCM – Secure supply chain management. FP7-ICT-2007, Topic: 1.4 Secure, dependable and trusted infrastructures. • CASSANDRA – Common assessment and analysis of risk in global supply chains. Security Theme project (FP7-SEC-2010-3). • Greensupplychain2009 – Effective green supply-chain management technologies in the competitive economic		

	environment with pollution emission trade system. FP7 Marie Curie Action. FP7-PEOPLE-IIF-2009 • FLOUE – Facility Location Optimization under disruptions and in an Uncertain Environment. FP7 Marie Curie Action. FP7-PEOPLE-2010-IEF. • CO3 - Collaboration Concepts for Comodality (under negotiations). FP7-SST-2011-RTD-1 . • SoCool@EU - Sustainable Organisation between Clusters Of Optimised Logistics @ Europe (under negotiations). FP7-REGIONS-2011-1 • SAFEPOST - Reuse and development of Security Knowledge assets for International Postal supply chains (under negotiations). FP7-SEC-2011.2.4-1
Partner description	
Partner 1	**Dr. Mitchell Tseng** Dr. Tseng is Adjunct Professor in the MIT-Zaragoza Logistics Program at Zaragoza Logistics Center. He holds Chair Professorship at Hong Kong University of Science and Technology (HKUST) and he also serves as Director, Advanced Manufacturing Institute (AMI) and Zhejiang Advanced Manufacturing Institute (ZAMI) of HKUST. He received his PhD and Master's degree in Industrial Engineering from Purdue University, BS degree in Nuclear Engineering from National Tsing Hua University in Taiwan. After serving in industry for two decades, he joined HKUST in 1993 as the founding department head of Industrial Engineering and Logistics Management. Previously, his academic experience includes faculty positions in the University of Illinois at Urbana-Champaign and Massachusetts Institute of Technology. Research areas: global manufacturing, mass customization, low volume and high mix production, contract mechanisms…
Partner 2	**Dr. Fabrizio Salvador** Fabrizio Salvador is Adjunct Professor at the MIT-Zaragoza Logistics Program, Professor of Operations Management at Instituto de Empresa Business School and Research Affiliate at the Massachusetts Institute of Technology. He received a PhD in Operations Management from the University of Padova, where he also graduated in Industrial Engineering. Fabrizio's research focuses on operations strategy in uncertain environments. He has been researching such topics as mass customization, concurrent product-process-supply chain design and organization design for efficient product configuration. Fabrizio is member of the "High Performance Manufacturing Research Group," of the "Global Manufacturing Research Group," is funding member of the "International Mass Customization Research Institute" and scientific advisor for the "MIT Smart Customization Lab". Research areas: mass customization, postponement, empirical methods, expert in Information Systems in the context of manufacturing customization and flexibility. He can significantly contribute to projects that aim to demonstrate/ validate the operational and economic benefits of new ICT-driven approaches in factories against today's process automation and control solutions.