

2nd IFIP Working Conference on Computer Aided Innovation



October 8-9, 2007
 Hosted by
 Delphi Corporation, Technical Center Brighton
 and
 Product Development IT - Chrysler LLC



Hour		Monday October 8th		Tuesday October 9th			
		Track 1	Track 2	Track 1			
8:00 to 9:00	8:00 to 8:15	Registration Opening		Meeting WG 5.4 (members and invited observers)			
	8:15 to 8:30						
	8:30 to 8:45	Opening Ceremony					
	8:45 to 9:00						
9:00 to 10:00	9:00 to 9:15	Keynote: "Innovation Today & Tomorrow" <i>Andrew Brown Jr</i>		Keynote: "Information Technology applied to Digital Product Creation" <i>Gustav Olling</i>			
	9:15 to 9:30						
	9:30 to 9:45						
	9:45 to 10:00						
10:00 to 11:00	10:00 to 10:15	Session Chair: <i>Patricia Dominguez</i>	Future of CAE and Implication on Engineering Education. <i>S. H. Yoo, E. J. Park, J. H. Song, D. J. Oh, W. R. Chung, Y. Lee, D. Mishra</i>	Session Chair: <i>John Gero</i>	Automatic Shape Variations for Optimization and Innovation. <i>J. Cueva, N. Leon, C. Villarreal, S. Huitron, G. Campero</i>		
	10:15 to 10:30		Break		Locating Creativity in a Framework of Designing for Innovation. <i>J. Gero, U. Kannengiesser</i>	Break	
	10:30 to 10:45				Break		Supporting the Systematization of Early-Stage-Innovation by Means of Collaborative Working Environments. <i>A. Hesmer, K. A. Hribernik, J. Baalsrud Hauge, K. D. Thoben</i>
	10:45 to 11:00		Break			Measuring Innovation in Multi-Component Engineering Systems. <i>T. Arciszewski, K. A. Shelton</i>	
11:00 to 12:00	11:00 to 11:15	Session Chair: <i>Greg Yezersky</i>		Collaboration in automotive winter testing-Real-time simulations boosting innovation opportunities. <i>M. Nybacka, T. Larsson, Å. Ericson</i>	Session Chair: <i>John Gero</i>		Constraint Based modeling as a mean to link dialectical thinking and corporate data: application to the DOE. <i>T. Eitzer, R. De Guio</i>
	11:15 to 11:30						
	11:30 to 11:45						
	11:45 to 12:00						
12:00 to 13:00	12:00 to 12:15	Session Chair: <i>John Gero</i>	Structuring knowledge use in Inventive Design. <i>D. Cavallucci, F. Rousset</i>	Session Chair: <i>John Gero</i>	Computer-Aided Patent Analysis: finding invention peculiarities. <i>G. Cascini, D. Russo, M. Zini</i>		
	12:15 to 12:30						
	12:30 to 12:45						
	12:45 to 13:00						
13:00 to 14:00	13:00 to 13:15	Lunch		Lunch			
	13:15 to 13:30	Lunch		Lunch			
	13:30 to 13:45	Move to Chrysler Museum		Session Chair: <i>Carlton Speck</i>	OTSM Network of Problems for representing and analyzing a problem situation with computer. <i>N. Khomenko, R. De Guio</i>		
	13:45 to 14:00						
14:00 to 15:00	14:00 to 14:15	Keynote: "Product Development IT Strategy" <i>Bill Whedon / Gopalan Mukundan</i>			Session Chair: <i>Carlton Speck</i>	Computational Explorations of Compatibility and Innovation. <i>R. Sosa, J. Gero</i>	
	14:15 to 14:30						
	14:30 to 14:45						
	14:45 to 15:00						
15:00 to 16:00	15:00 to 15:15	Break		Session Chair: <i>Carlton Speck</i>	Break		
	15:15 to 15:30						
	15:30 to 15:45					General Theory of Innovation (GTI), An Overview. <i>G. Yezersky</i>	Enhancing interoperability in the design process, The PROSIT approach. <i>U. Cugini, G. Cascini, M. Ugolotti</i>
	15:45 to 16:00						
16:00 to 17:00	16:00 to 16:15	Session Chair: <i>Tomasz Arciszewski</i>	Comparison of Strategies for the Optimization/Innovation of Crankshaft Balance. <i>A. Albers, N. Leon, H. Aguayo, T. Maier</i>	Session Chair: <i>Carlton Speck</i>	Emergent Contradictions, a synthesis of TRIZ and complex systems theory. <i>D. Mann</i>		
	16:15 to 16:30						
	16:30 to 16:45						
	16:45 to 17:00						
17:00 to 18:00	17:00 to 17:15	Tour of Chrysler Museum		Discussion Panel II: Innovation in the market from the customer point of view. Coordinator: <i>Mansour Ashtiani</i> <i>Tomasz Arciszewski, Noel Leon, Gusvat Olling, Richard Sun, James W. Todhunter, Greg Yezersky</i>			
	17:15 to 17:30						
	17:30 to 17:45						
	17:45 to 18:00						
18:00 to 19:00	18:00 to 18:15	Discussion Panel I: Optimization and Innovation Software in Product Development Coordinator: <i>Su Kyeong Cho</i> <i>Gaetano Cascini, Denis Cavallucci, Umberto Cugini, Roland De Guio, Vamshi Korivi, Noel Leon, Darrell Mann, Matt Pallaver, Tan Runhua, James W. Todhunter</i>		Closing			
	18:15 to 18:30						
	18:30 to 18:45						
	18:45 to 19:00						
19:00 to 20:00	19:00 to 19:15	Toast - Dinner					
	19:15 to 19:30						
	19:30 to 19:45						
	19:45 to 20:00						