

Final parallel sessions content

Monday 19 April 2010

17:10-18:25	Amphi A	Models and Methods for Variation Management (MMVM)	Chairman:	A. BALLU		
		52 A New Approach to Transform a Constrained Geometric Object	Mireille Moinet	Philippe Serré	Alain Rivière	André Clément
		9 Design method taking into account Geometric Variations Management along the design p	Costadoat Renaud	Mathieu Luc	Falgarone Hugo	
		67 Integration of multiphysical phenomena in robust design methodology	Dinh Son Nguyen	Frédéric Vignat	Daniel Brissaud	
17:10-18:25	Amphi B8	Collaborative Aspects (CollAspects)	Chairman:	G. FADEL		
moved to PDM	Models 1	36 Integrating Product Model and Whiteboard to ease Collaborative Work in Global Product I	Hanh Vu Thi	Philippe Marin	Frederic Noel	
video		68 Multi-user collaborative design tools for use in Product Development	Roy Damgrave	Eric Lutters		
		46 The Collaborative Product Design and Help to Decision Making : Interactive Mind-Mappir	Toni Da Luz	Emilie Loup-Escande	Hervé Christofold	Simon Richir
17:10-18:25	Amphi B9	Metrics and Benchmarking, performance evaluation - 1 (MBPE 1)	Chairman:	D. CHABLAT		
		56 Specifications of a quality referential For Performance in design	Aurelien Poulet	Bertrand Rose	Emmanuel Caillaud	
		10 Performance evaluation of parallel manipulators for milling application	Pashkevich Anatol	Klimchik Alexandr	Briot Sébastien	Chablat Damien
video		81 Priority Evaluation of Product Metrics for Sustainable Manufacturing	Ankur Gupta	Ramu Vangari	Anshu Dhar Jayal	I S Jawahir

Tuesday 20 April 2010

10:20 - 11:55	Amphi A	Knowledge Management for creative and inventive design - 2 (KM 1+ 2)	Chairman:	N. PERRY		
not presented		12 computerized range of products in the automotive supply industry	Joerg Feldhusen	Arun Nagarajah	Sebastian Schubert	
		30 Case-Based Reasoning for Adaptive Aluminium Extrusion Die Design	Suthep Butdee	Serge Tichkiewitch		
		91 Knowledge Management for Mass Customization	Joanna Daaboul	Alain Bernard	Florent Laroche	
	video	63 Using Ontology for Design Information and Knowledge Management: A Critical Review	Ying Liu			
		58 A Framework to Support Semantic Interoperability in Product Design and Manufacture	Nitishal Chungoora	Robert Young		
10:20 - 11:55	Amphi B8	Rapid Product Development, Reverse Engineering, Virtual Reality - 2 (RPD 2+3)	Chairman:	F. LAROCHE		
		43 Reverse Engineering for Spotting of Sheetmetal Forming Dies	Christine Schöne	Süße Dietmar	Ralph Stelzer	
not presented		15 Reverse Engineering of a automobile Engine piston using KBRE approach	Alexandre Durrupt	Sébastien Remy	Guillaume Ducellier	
		1 Model Construction Based on CMM and Optical Scanning Data	Pengxin Liu	Yang wang		
		8 Virtual-Reality-Based Simulation of NC Programs for Milling Machines	Reimund Neugebauer	Philipp Klimant	Volker Wittstock	
		70 Virtual Reality in Planning of Non-Destructive Testing Solutions	Nikolay Avgoustinov	Christian Boller	Gerd Dobmann	Bernd Wolter
10:20 - 11:55	Amphi B9	Metrics and Benchmarking, performance evaluation - 2 (MBPE 2)	Chairman:	A. BERNARD		
video		55 Using Systems Analysis Techniques to Understand the Relationships between Skills, Effc	Jill Urbanic	Waguih ElMaraghy		
video		66 Towards a Performance Measurement System for lean-oriented NPD processes	Marco Taisch	Donatella Corti	Sergio Terzi	
video		79 A Framework for Assessing the Reliability of Mechatronic Systems	Amadou Coulibaly	Egon Ostrosi		
10:20 - 11:55	Amphi S	Integration Product-Process (IPProcess)	Chairman:	L. QIAO		
		83 Integrated New Product Introduction Challenges in Aerospace Manufacturing Engineering	Essam Shehab	Malachy Maginness	Chris Beadle	
		7 A multi-process manufacturing approach based on STEP-NC data model	Raphael Laguionie	Matthieu Rauch	Jean-Yves Hascoet	
		65 DFM synthesis based on product-process interface modelling	Jawhar Elgueder	Lionel Roucoules	Emmanuelle Rouhaud	Florent Cochenec
14:35-15:50	Amphi A	Knowledge Management for creative and inventive design - 4 (KM 4)	Chairman:	C. DA CUNHA		
video		27 Knowledge based plants layout configuration and piping routing	Paolo Cicconi	Roberto Raffaeli		
		13 An Interactive-based approach to the Layout design optimization	Julien Benabes	Fouad Bennis	Emilie Poirson	Yannick Ravaut
		93 A case study of capitalisation and valorisation of our technical heritage	Florent Laroche	Jean-Louis Kerouanton	Alain Bernard	
14:35-15:50	Amphi B8	Rapid Product Development, Reverse Engineering, Virtual Reality - 1 (RPD 1)	Chairman:	J.Y. HASCOET		
video		61 A Systems Approach to Hybrid Design Utilizing Fused Deposition Modeling and CNC Mar	Victoria Townsend	Jill Urbanic		
		69 Design for Wire and Arc Additive Layer Manufacture	Jorn Mehnen	Jialuo Ding	Helen Lockett	Panos Kazanas
		26 Characterization of Selective Laser Sintered Implant Alloys: Ti6Al4V And Co-Cr-Mo	andrea gatto	luca iuliano	srjgio bortolini	
14:35-15:50	Amphi B9	Product Design Models - 1 (PDMoels1)	Chairman:	L. ROUCOULES		
video		76 Product modelling for configurable design in advanced CAD system	Egon Ostrosi	Amadou Coulibaly	Michel Ferney	
		16 Proposition of a Methodology for Developing a Database of Design Methods	Nathalie Lahonde	Jean-François Omhover	Améziiane Auoussat	
moved from CollabAspects		36 Integrating Product Model and Whiteboard to ease Collaborative Work in Global Product I	Hanh Vu Thi	Philippe Marin	Frederic Noel	
14:35-15:50	Amphi S	Patents as resources for Creative and Inventive Design - 1 (PCID 1)	Chairman:	D. CAVALUCCI		
video		60 Computer-Aided Comparison of Thesauri extracted from complementary patent classes a	Gaetano Cascini	Manuel Zini		
video		38 Knowledge extraction from patent: achievements and open problems. A multidisciplinary i	Daive Russo			
		19 Acquisition of Evolution Oriented Knowledge from Patent Texts	François Rousselot	Cecilia Zanni-Merk	Denis Cavallucci	
15:50-17:05	Amphi A	Knowledge Management for creative and inventive design - 3 (KM 3)	Chairman:	S. TICHKIEWITCH		
presnted by Bertrand Rose		45 Knowledge Management for Innovative Design	Jing Xu	Rémy Houssin	Emmanuel Caillaud	Mickäel Gardoni
		37 Acquiring innovative manufacturing engineering knowledge for the preliminary design of c	Sara Mountney	Rajkumar Roy	James Gao	
cancelled		5 Knowledge Management vs Knowledge Sharing: User-inspired Design and Co-creation P	Maria Antonietta Sbordone			

15:50-17:05	Amphi B8	Value, Risk and Cost Management - 1 (VRCM 1)	Chairman:	C. DA CUNHA				
	video	48 Product-driven Process Value Analysis	Yuri Borgianni	Gaetano Cascini	Federico Rotini			
	video	28 Decision making and value considerations during the early stages of engineering design	Galina Medyna	Eric Coatanea				
15:50-17:05	Amphi B9	Product Design Models - 2 (PDMModels 2)	Chairman:	L. ROUCOULES				
	video	41 Interdisciplinary function-oriented Design and Verification for the Development of Mechatronics	Rainer Stark	Haygazun Hayka	Asmus Figge	Robert Woll		
		29 Towards Semantic Virtual Prototypes for the Automatic Model Combination	Rafael Radkowski					
		92 PLM processes to respond to mechanical SMEs needs	Julien Le Duigou	Alain Bernard	Nicolas Perry	Jean-Charles Delplace		
15:50-17:05	Amphi S	Patents as resources for Creative and Inventive Design - 2 (PCID 2)	Chairman:	D. CAVALUCCI				
cancelled		14 The Evolution of Torque Transfer Technology by Use of computerized Patent Analysis	Jan M. Gerken	Martin G. Möhrle				
		34 An ISAL Approach for Design Rationale Discovery Using Patent Documents	Ying Liu					
		42 Automatically Characterizing Products through Product Aspects	Paul-Armand Verhaegen	Joris D'hondt	Dennis Vandevenne	Simon Dewulf	Joost R. Duffou	
17:45-19:00	Amphi A	Knowledge Management for creative and inventive design - 5 (KM 5)	Chairman:	S. TICHKIEWITCH				
		50 A design logistics support tool on an operational level	Ludovic Louis-Sidney	Vincent Cheutet	Samir Lamouri	Olivier Puron	Antoine Mezza	
		80 A Unified Assembly Information Model for Design and Manufacturing	Lihong Qiao	Feng Han	Alain Bernard			
	video	49 Knowledge Based Engineering approach through CAD systems: results of a two years experience	Bluntzer Jean-Bernard	Sagot Jean-Claude	Mahdjoub Morad			
		75 Ontological Semantics of Standards and PLM Repositories in the Product Development Process	Marco Franke	Patrick Klein	Lutz Schröder			
17:45-19:00	Amphi B8	Value, Risk and Cost Management - 2 (VRCM 2)	Chairman:	D. CHABLAT				
cancelled		39 Lean Implementation Starts With Takt	Farzad Sanati					
		3 Product Design for Global Production	Gisela Lanza	Stefan Weiler				
		2 Systematic Preparation for Marketing a New Technology	Walter Kästel					
17:45-19:00	Amphi B9	Product Design Methods - 1 (PDMMethods 1)	Chairman:	P. MARIN				
	video	82 A Holistic Approach for Sustainable Product Design	Hassan Abdalla					
	video	23 Method-supported product development for post-series supply	Uwe Dombrowski	Sebastian Weckenborg	Sven Schulze			
		57 Set Based Robust Design of Systems - Application to Flange Coupling	Ahmed Jawad Qureshi	Jean-Yves DANTAN	Jérôme BRUYERE	Régis BIGOT		
cancelled		73 An assembly sequences generation of three dimension product	Louisa Issaoui	Nizar Aifaoui	Borhen Louhichi	Abdelmajid Benamara		
17:45-19:00	Amphi S	Requirements Management (RequMan)	Chairman:	L. MATHIEU				
		20 A Multi-dimensional Model for Structuring Stakeholder Requirements	Horst-Artur Crostack	Sandra Klute	Robert Refflinghaus			
		51 Parametric Approach for Geometrical Requirement Calculation Along the Product Life-Cycle	Guillaume Mandil	Philippe Serré	Alain Desrochers	André Clément	Alain Rivière	
		4 Abstract objectives can become more tangible with the contact and channel model (C&C)	Thomas Alink	Albert Albers				
Wednesday 21 April 2010								
10:30-11:45	Amphi A	Evolutions of Global Product Development Approaches (EGPDA)	Chairman:	P. MARIN				
	video	44 Evolution over the Life Span of Complex Systems	Monica Pena	Eleonora Ibragimova	Mary Kathryn Thompson			
	video	47 Rethinking the Role of Time in Formal Design Theories	Mary Kathryn Thompson	Mykhailo Doroshenko				
cancelled		90 Semantic Knowledge Based Approach for Product Maintenance Support	I.Sanya	E.Shehab	R.Roy	O.Houseman	M.Jonik	
10:30-11:45	Amphi B8	Early Stage Design (ESDesign)	Chairman:	F. NOEL				
	video	74 Towards a Guideline for the Early Stage of Product Development	Alexander Hesmer	Heiko Duin	Klaus-Dieter Thoben			
		17 A New Approach for the Development of a Creative Method to Stimulate Responsible Innovation	Benjamin Tyl	Jérémy Legardeur	Dominique Millet	André Falchi	Bertrand Ranvier	
		24 Configuration of Complex Custom Products in Early Design Phases Using Dependencies	Irene Alexandrescu	Hans-Joachim Franke	Thomas Vietor			
10:30-11:45	Amphi B9	Product Design Methods - 2 (PDMMethods 2)	Chairman:	F. BENNIS				
		31 A Product Life Cycle Oriented Approach for Knowledge Based Product Configuration Systems	Viktor Pana-Schubert	Hendro Wicaksono	Sven Rogalski			
	video	59 Integration of Life Cycle Engineering and Multi-Attribute Analysis to Support Product Development	César Inácio	Inês Ribeiro	Paulo Peças	Elsa Henriques		
		71 Multiobjective Design Optimization of 3-PRR Planar Parallel Manipulators	Raza Ur-Rehman	Stéphane Caro	Damien Chablat	Philippe Wenger		
10:30-11:45	Amphi S	Ecological Aspects (EcoAspects)	Chairman:	J.F. PETIOT				
		64 Towards a robust touch-down process of eco-technologies in vehicle development project	Buet Gael	Gidel Thierry	Millet Dominique			
		54 How ecodesign tools are really used - Requirements list for a context-related ecodesign tool	Flore Vallet	Dominique Millet	Benoit Eynard			
		85 ACLDS - A holistic framework for environmentally friendly product lifecycle design	Srinivas Kota	Amaresh Chakrabarti				