

Final Program		
Wednesday 22nd October 2008		
	8.30 - 9.30	Welcome and late registration, Hall of the S Building
	9.30 - 10.00	Opening ceremony, Amphi S
		With Prof. Patrick CHEDMAIL Director of Ecole Centrale de Nantes
	10.00 - 10.15	Introductive presentation, Amphi S
		Introduction of the conference general topic: « FROM NUMERICAL SIMULATION TO INTELLIGENT COOPERATION », Prof. Alain Bernard, Ecole Centrale de Nantes
	10.15 – 12.30	Keynote presentations, Amphi S (Chair : A. BERNARD
		THE ROLE OF VISUALISATION, SIMULATION AND SERIOUS GAMING IN COLLECTIVE DECISION MAKING, Prof. Fred Van Houten, University of Twente, The Netherlands
		DIGITAL AND COLLABORATIVE DESIGN FOR SHIP BUILDING, Mr Denis Allain, AKER YARDS, Saint-Nazaire
		3D MEASURING APPLICATION INDUSTRIALISATION FROM THE AIRCRAFT DIGITAL MOCKUP, Mr Patrick Guérin, AIRBUS, Nantes
	12.30 - 14.00	Lunch, Hall L
	14.10 - 15.30	Two Parallel sessions (20mn for each paper including questions)
Session 1	<i>Distributed and Collaborative Design (1)</i> , Room B1 (Chair : F. NOEL)	
	23	SUPPORTING REQUIREMENT ENGINEERING IN COMPLEX PRODUCT DESIGN, Claros Salinas Maria Paz, Prudhomme Guy, Brissaud Daniel
	70	WEB BASED COLLABORATION FOR FURNITURE DESIGN: SURVEY AND THE STRUCTURE OF A COLLABORATIVE WORKING ENVIRONMENT, Feng Jian, Conway David, Su Daizhong
	33	GEOMETRICAL DEVIATIONS MODEL FOR PRODUCT LIFECYCLE ENGEENERING, Nguyen Dinh Son, Vignat Frédéric, Brissaud Daniel
	79	FUZZY AGENTS TO ASSIST COLLABORATIVE AND DISTRIBUTED DESIGN FOR OPTIMAL PRODUCT CONFIGURATION, Ostrosi Egon, Fougères Alain-Jérôme, Ferney Michel
Session 2	<i>Interoperable Manufacture (1)</i> , Room B2 (Chair : D. TRENTESAUX)	
	28	DEVELOPMENT OF AN OPEN SOFT CNC SYSTEM BASED ON STEP-NC AND FUNCTION BLOCKS, Minhat Mohamat, Xun Xu
	60	RFID-ENABLED SMART OBJECTS FOR REAL-TIME RECONFIGURABLE MANUFACTURING, Huang Georges Q., Ho Oscar Kin Wing, Zhang Yingfeng, Xu Frank Ju
	62	AUTOMATED ENGINEERING OF MANUFACTURING EXECUTION SYSTEMS A CONTRIBUTION TO ADAPTIVITY IN MANUFACTURING COMPANIES, Sauer Olaf
	66	APPLICATIVE ARCHITECTURE FOR INTEROPERABLE DISTRIBUTED PLANNING OF MULTI-SITE PROJECTS, Ishak Karim, Archimede Bernard, Charbonnaud Philippe

	15.30 - 16.00	Coffe break
	16.10 - 17.30	Two Parallel sessions (20mn for each paper including questions)
Session 1	<i>Process modelling and Process planning, Room B1 (Chair : F. VAN HOUTEN)</i>	
	20	DESIGNING A DECISION SUPPORT TOOL TO AID PROCESS PLANNING IN MACHINING PROCESSES FOR SMALL AND MEDIUM ENTERPRISES, Blanch Robert, Pellicer Narcis, Garcia-Romeu Maria Luisa, Ciurana Joaquim
	45	EVALUATION OF CUTTER ORIENTATION AND CUTTER DIAMETER FOR PROCESS PLANNING IN MULTI-AXIS SURFACE MILLING, Lee Rong-Shean, Lin Yan-Hong, Hsu Chia-Yu
	65	SCHEDULING FOR ASSEMBLY ISLANDS WITH FIXED-POSITION LAYOUTS, Chin Eros, Huang George, Chen Xin
	84	APPLICATION OF PARTICLE SWARM OPTIMISATION TO INTEGRATE PROCESS PLANNING AND SCHEDULING, Guo Yanwu, Owen Geraint, Li Weidong, Mileham Antony, Maropoulos Paul
Session 2	<i>Enterprise integration and PLM (1), Room B2 (Chair : D. BAXTER)</i>	
	18	APPROACH FOR A DECENTRALIZED PRODUCT-ORIENTED PRODUCTION CONTROL, Zaeh Michael F., Ostgathe Martin
	36	CASE STUDY OF PRODUCT LIFECYCLE MANAGEMENT SYSTEM'S USABILITY IN ENGINEERING COMPANY (SME) , Fidler Branislav, Podmajersky Peter, Valcuha Tefan
	40	AN AGENT-BASED DISTRUBUTED INTELLIGENT RECONFIGUREABLE MULTI-AXES MACHINING SYSTEM, Kao Yung-Chou, Lee Rong-Shean, She Chen-Hua, Chen Mau-Sheng
	57	ENABLED VIRTUAL AND COLLABORATIVE ENGINEERING COUPLING PLM SYSTEM TO A PRODUCT DATA KERNEL, Van Wijk Dimitri, Roucoules Lionel, Eynard Benoît, Etienne Alain, Guyot Emmanuel
	19.30	Civic Reception at the Town Hall, Room Paul BELLAMY, welcomed by Mr Yannick GUIN, vice mayor for research and higher education

Thursday 23rd October 2008		
	8.30 - 10.30	Two parallel sessions (20mn for each paper including questions)
<i>Session 1</i>	<i>SPECIES</i> , Room B1 (Chair : Mrs A. VALENTE)	
	44	A MULTIDIMENSIONAL APPROACH TO DIGITAL MANUFACTURING SYSTEMS, Nylund Hasse, Salminen Kai, Andersson Paul
	69	A METHODOLOGY FOR INTEGRATING PRODUCTION FLEXIBILITY, AGILITY AND EVOLUTION, Laperrière Luc, Pinard Marie-Pierre
	91	DESIGN OF FLEXIBLE TRANSFER LINES IN DYNAMIC MARKET ENVIRONMENTS: A CONFIGURATION APPROACH, Borgia Stefano, Tolio Tullio
	92	ONTOLOGY-BASED MODEL FOR PRODUCTION-CONTROL SYSTEMS INTEROPERABILITY, Dassisti Michele, Panetto Hervé, Tursi Angela, De Nicolo Michele
	93	TOWARDS THE REALISATION OF INTELLIGENCE IN MANUFACTURING, Kumar Sanjeev, Nassehi Aydin, Newman Stephen
	94	AI BASED AUTOMATIC PRODUCTION SYSTEM DECOMPOSITION, Viharos Zsolt Janos
<i>Session 2</i>	<i>Advanced factory modelling</i> , Room B2 (Chair : D. CHABLAT)	
	8	VIRTUAL REALITY MODELLING OF MANUFACTURING SYSTEMS BASED ON ONTOLOGIES, Gogouvitis Xenofon V., Vosniakos George-Christopher
	27	FILTERING BOUNDARY POINTS OF THE ROBOT WORKSPACE, Djuric Ana M., EIMaraghy Waguih H.
	50	AN ONTOLOGY-ENABLED PRODUCTION-IN-THE-LOOP, Spath Dieter, Lenten Joachim
	64	THE PLANT MASTER THEORY AND APPLICATIONS, Colding Bertil
	74	A PROCESS TRANSITION COMPLEXITY ASSESSMENT TOOL FOR MANAGING RECONFIGURABLE MACHINE TOOLS, Urbanic Jill, Hedrick Robert, EIMaraghy Waguih H.
	85	PATH PLANNER FOR OBJECTS, ROBOTS AND MANNEQUINS BY MULTI-AGENTS SYSTEMS OR MOTION CAPTURES, Chablat Damien
	10.30 – 11.00	Coffee break
	11.00 - 12.30	Round Table, Amphi S
		Crucial DET issues for industry (MODERATOR: P. MAROPOULOS)
		Introductory presentation : Bouffiou Carl, Pahntom Works, Boeing Company
		Round table with the participation of all the keynote speakers
	12.30 - 14.00	Lunch, Hall L
	14.15	Departure of the buses to the three industrial visits
		AIRBUS, AKERYARDS, DCNS
	18.30	Return of the buses from the industrial visits
	19.30 - 23.30	Conference diner at the "Château des Ducs de Bretagne"

Friday 24th October 2008		
	8.00 - 9.50	Three parallel sessions (20mn for each paper including questions)
<i>Session 1</i>	<i>Knowledge: concepts, evaluation and applications, Amphi S (Chair : F. LAROCHE)</i>	
	16	MINING KNOWLEDGE IN THE DIGITAL ENTERPRISE, Riel Andreas, Tichkiewitch Serge, Uys Wilhelm, du Preez Niek
	35	FEATURE TECHNOLOGY FOR THE AUTOMOTIVE INDUSTRY A KNOWLEDGE-BASED ENGINEERING SOLUTION ON THE BASIS OF USER-DEFINED FEATURES IN PRO/ENGINEER, Weilguny Laurenz J. H., Gerhard Detlef
	80	AN EXPERT SYSTEM FUNCTIONALITY BASED ON MULTIPLE-VECTOR USER PROFILES, Vertommen Joris, D'hondt Joris, Verhaegen Paul-Armand, Cattrysse Dirk, Duflou Joost R.
	90	EVALUATION OF KNOWLEDGE VALUE BASED ON THE KNOWLEDGE MATURITY MODEL, Xu Yang, Bernard Alain
<i>Session 2</i>	<i>Distributed and collaborative design (2), Room B1 (Chair : D. BRISSAUD)</i>	
	30	A FRAMEWORK TO COMPARE DESIGN STUDIES FROM HETEROGENEOUS DISCIPLINES, Noël Frédéric, Mohsen Sadeghi, Chettaoui Hanène
	34	CHARACTERISING THE CONTENT OF EMAIL IN ENGINEERING DESIGN, Wasiak James, Hicks Ben, Newnes Linda, Dong Andy
	59	TOWARDS DIGITAL ENGINEERING: COLLABORATIVE MANAGEMENT OF DESIGN, ANALYSIS AND MANUFACTURING DATA, Kibamba Yannick, Eynard Benoit, Gallet Thomas, Troussier Nadège, Derigent William
<i>Session 3</i>	<i>Advanced tolerancing and metrology, Room B2 (Chair : F. VILLENEUVE)</i>	
	47	TOLERANCE ANALYSIS IN MULTI-OPERATIONAL MACHINING PROCESS BASED ON THE MODEL OF MANUFACTURED PART, Kamali Nejad Motjaba, Vignat Frédéric, Villeneuve François
	52	LARGE SCALE METROLOGY IN AEROSPACE ASSEMBLY, Muelaner Jody, Maropoulos Paul
	87	LARGE VOLUME METROLOGY PROCESS MODELS: A FRAMEWORK FOR INTEGRATING METROLOGY IN DIGITAL MANUFACTURING, Guo Yanwu, Jamshidi Jafar, Cai Bin, Maropoulos Paul
	88	MEASURABILITY ANALYSIS OF LARGE VOLUME METROLOGY, Cai Bin, Guo Yanwu, Jafar Jamshidi, Maropoulos Paul
	10.00 - 10.30	Coffee break

	10h30 - 11.50	Three parallel sessions (20mn for each paper including questions)
Session 1	<i>Cost Engineering and Process planning, Amphi S (Chair : C. DA CUNHA)</i>	
	39	A REMOTE 3D MASK GEOMETRY COLLABORATIVE VIEWING SYSTEM, Kao Yung-Chou, Wu Ting-Jia, Kuo Shi-Hong, Chen Mau-Sheng
	75	A CLASSIFICATION FOR MAPS BETWEEN WBS ELEMENTS TO SUPPORT AUTOMATED HIERARCHICAL COST ESTIMATION, Koonce David, Shah Nihar
	78	AN APPROACH SYSTEM TO BUILD THE PROCESS CHAIN DERIVATION IN LENSES PRODUCT SYSTEM, Blanch Robert, Ferrer Inès, G-Romeu M. Luisa, Ciurana Joaquim
	86	COMPUTER AIDED QUALITY FUNCTION DEPLOYMENT FOR RAPID DEVELOPMENT OF CUSTOMISED PRODUCTS, Xie Sheng Quan, Guo Horace, Xu Xun.
Session 2	<i>Interoperable Manufacture (2), Room B1 (Chair : L. LAPERRIERE)</i>	
	1	THE IMPACT OF E-COMMERCE ON PRODUCT-ORIENTED INFORMATION SYSTEMS, Schumann Chrstian-Andreas, Rutsch Andreas, Muller Egon
	42	SITUATION DETECTION IN PRODUCTION CONTROL BY APPLYING ON-LINE SIMULATION, Pfeiffer Andras, Kadar Botond, Monostori Laszlo, Ven Zoltan
	68	FROM PASSIVE PRODUCTS TO INTELLIGENT PRODUCTS: THE AUGMENTATION MODULE CONCEPT, Zbib Nadine, Raileanu Silviu, Sallez Yves, Berger Thierry, Trentesaux Damien
Session 3	<i>Entreprise integration and PLM (2), Room B2 (Chair : A. BOURAS)</i>	
	71	LIFE CYCLE ANALYSIS IN THE PROCESS OF INNOVATIVE PRODUCT DEVELOPMENT, Kastel Walter, Dillerup Ralf
	76	A METHODOLOGY FOR ASSESSING BUSINESS POTENTIALS IN PLM-NETWORKS, Heiko Duin, Lutz Rabe, Klaus-Dieter Thoben
	81	A LIFE CYCLE MODEL FOR PRODUCT-SERVICE SYSTEMS DESIGN, Baxter David, Doultsinou Athanasia, Roy Rajkumar, Gao James
	83	INDUCTIVE APPROACH FOR THE SPECIFICATION OF A GENERIC PLM SYSTEM IN AN EXTENDED ENTERPRISE CONTEXT, Le Duigou Julien, Bernard Alain, Perry Nicolas, Delplace Jean-Charles
	12.00 - 12.30	Conclusive closer session, Amphi S
	12.30 - 14.00	Lunch, Hall L
	14.00	End of DET 2008