

23RD ICE/ITMC CONFERENCE DETAILED AGENDA - SPECIAL SESSIONS

DAY ONE: 27TH JUNE 2017

Time	Title	Authors	Room
11:00 12:25	Special Session 1.2 (SS1.2): Fighting against crime using video analysis		BERLIM
	<i>SESSION CHAIR: DR. PETROS DARAS (CERTH, GREECE)</i>		
	<i>SESSION Co-CHAIR: NOEL O'CONNOR(DCU, IRELAND)</i>		
11:05 11:25	<u>ID 250</u> - ONTOLOGY-BASED FORENSIC EVENT DETECTION USING INFERENCE RULES	SOBHANI, FARANAK; IZQUIERDO, PROF. EBROUL	
11:25 11:45	<u>ID 252</u> - AFFECTIVE STATE AWARE BIOMETRIC RECOGNITION	DROSOU, ANASTASIOS; GIAKOUMIS, DIMITRIOS; TZOVARAS, DIMITRIOS	
11:45 12:05	<u>ID 257</u> - A LOW-POWER SMART CAMERA FOR VIDEO SURVEILLANCE AND FORENSIC APPLICATIONS	LECCA, M; ZOU, Y; ZURRIAGA, S.S.; OROZCO, J.L.D; GOTTARDI, MASSIMO	
12:05 12:25	<u>ID 258</u> - INCORPORATION OF SEMANTIC SEGMENTATION INFORMATION IN DEEP HASHING TECHNIQUES FOR IMAGE RETRIEVAL	GKOUNTAKOS, KONSTANTINOS; SEMERTZIDIS, THEODOROS; PAPADOPOULOS, GEORGIOS; DARAS, PETROS	
11:00 12:45	Track Session (TS1.3): New enterprise challenges between emerging IT technologies and industry 4.0 solutions Special Session 1.14 (SS1.14): Cyber-Physical System (CPS) for Manufacturing, Special Session 1.15 (SS1.15): Key Enabling Technologies (KET) for SME's and Special Session 1.16 (SS1.16): Emerging Technologies and Enterprise Transformation		TÓQUIO
	<i>SESSION CHAIR: PROF. NÉJIB MOALLA (UNIVERSITÉ LYON, FRANCE)</i>		
	<i>SESSION Co-CHAIR: PROF. YACINE OUZRUT (UNIVERSITÉ LYON, FRANCE) PROF. SERGIO TERZI (POLITECNICO DI MILANO, ITALY)</i>		
11:05 11:25	<u>ID 234</u> - GUIDING MANUFACTURING COMPANIES TOWARDS DIGITALIZATION: A METHODOLOGY FOR SUPPORTING MANUFACTURING COMPANIES IN DEFINING THEIR DIGITALIZATION ROADMAP	DE CAROLIS, ANNA; MACCHI, MARCO; NEGRI, ELISA; TERZI, SERGIO	
11:25 11:45	<u>ID 382</u> - TOWARD A TRAFFIC REGULATION BASED ON EVENT PROCESSING AGENT SYSTEM	ELCHAMAA, ROUA; DAFFLON, BAUDOUIN; KILANY, RIMA; OUZRUT, YACINE	
11:45 12:05	<u>ID 377</u> - FRAMEWORK INTEROPERABILITY THROUGH A STANDARDIZED APPROACH BASED ON MODEL-DRIVEN ENGINEERING	TORKHANI, RAMI; LAVAL, JANNIK; DERRAS, MUSTAPHA; MOALLA, NEJIB	
12:05 12:25	<u>ID 379</u> - CAPABILITY PROFILE FOR ENTERPRISE APPLICATION INTEGRATION	ELCHAMAA, ROUA; DAFFLON, BAUDOUIN; KILANY, RIMA; OUZRUT, YACINE	
12:25 12:45	<u>ID 261</u> - MODELLING AND SIMULATION OF ECONOMIC LOT SIZE SCHEDULING PROBLEM: A CASE STUDY	M. EL-BEHEIRY, MOHAMMED; ABDALLAH, KHALED S.	
11:00 12:45	Track Session (TS1.4): Built Environment Special Session 2.0 (SS2.0): Building Energy Blocks and Integration in Smart Cities		CARACAS
	<i>SESSION CHAIR: YACINE REZGUI (CARDIFF UNIVERSITY, SCHOOL OF ENGINEERING, UK)</i>		
	<i>SESSION Co-CHAIR: SYLVAIN KUBICKI (LIST, LUSEMBOURG)</i>		
11:05 11:25	<u>ID 197</u> - COMBINED USE OF NONINTRUSIVE MONITORING TECHNIQUES AND ENERGY RECIPES TO REDUCE ENERGY HUNGRY BEHAVIOURS	REDA, FRANCESCO; KARJALAINEN, SAMI; TUOMISTO, MIKKO	

11:25	11:45	<u>ID 332</u> - CHALLENGES OF COLLABORATIVE PROJECTS SUPPORTED BY OPEN COMMUNITIES: THE CASE OF SMART ELECTRICITY DISTRIBUTION WITH CITIZENS	DUPONT, LAURENT; GABRIEL, ALEX; CAMARGO, MAURICIO; GUIDAT, CLAUDINE	
11:45	12:05	<u>ID 277</u> - SMART CITY PERFORMANCE MEASUREMENT FRAMEWORK - CITYKEYS	AIRAKSINEN, MIIMU; PINTO SEPPÄ, ISABEL; HUOVILA, AAPO; NEUMANN, HANS-MARTIN; IGLAR, BRANISLAV; BOSCH, PETER	
12:05	12:25	<u>ID 390</u> - PLANNING CITY REFURBISHMENT AT DISTRICT SCALE FOR THE ENERGY TRANSITION OF SMART CITIES	NZENGUE, YVANN; DU BOISHAMON, ADRIEN; LAFFONT-ELOIRE, KARINE; PARTENAY, VINCENT; ABDELOUADOUD, YASSINE; ZABELLI, PIETRO; D'ALONZO, VALENTINA; VACCARO, ROBERTO	
12:25	12:45	<u>ID 294</u> - ENHANCING URBAN RESILIENCE VIA A REAL-TIME DECISION SUPPORT SYSTEM FOR SMART CITIES	OTTENBURGER, SADEEB; AIRAKSINEN, MIIMU; PINTO-SEPPA, ISABEL; RASKOB, WOLFGANG	
11:00	12:45	Special Session 1.18 (SS1.18): Innovative Product-Service Design Using Manufacturing Intelligence I		SIDNEY
		SESSION CHAIR: DR. ANA RITA CAMPOS (UNINOVA, PORTUGAL)	SESSION CO-CHAIR: PROF. DIMITRIS MOURTZIS (LMS, UNIV. PATRAS, GREECE)	
11:05	11:25	<u>ID 349</u> - METRICS DEFINITION FOR THE PRODUCT-SERVICE SYSTEM COMPLEXITY WITHIN MASS CUSTOMIZATION AND INDUSTRY 4.0 ENVIRONMENT	MOURTZIS, DIMITRIS; FOTIA, SOPHIA; BOLI, NIKOLETTA	
11:25	11:45	<u>ID 351</u> - ONTOLOGY FOR COLABORATIVE DEVELOPMENT OF PRODUCT SERVICE SYSTEMS BASED ON BASIC FORMAL ONTOLOGY	CORREIA, ANA; STOKIC, DRAGAN; SIAFAKA, REBECCA; SCHOLZE, SEBASTIAN	
11:45	12:05	<u>ID 363</u> - COLLABORATIVE PRODUCT-SERVICE SYSTEMS ENGINEERING: TOWARDS AN ACTIVE ROLE OF CUSTOMERS AND STAKEHOLDERS IN VALUE CO-CREATION	PEZZOTTA, GIUDITTA; CAVALIERI, SERGIO; ROMERO, DAVID	
12:05	12:25	<u>ID 372</u> - A SENTIMENT ANALYSIS SOLUTION FOR THE RE-DESIGN OF PRODUCT-SERVICE SYSTEMS	PINA, PAULO; GÓIS, GUILHERME; MANO, FÁBIO; SILVA, FRANCISCO; NEVES-SILVA, RUI	
12:25	12:45	<u>ID 393</u> - TOWARDS A PLATFORM FOR INTEGRATING PRODUCT USAGE INFORMATION INTO INNOVATIVE PRODUCT-SERVICE DESIGN	HRIBERNIK, KARL ANTHONY; FRANKE, MARCO; KLEIN, PATRICK; COSCIA, EVA; THOBEN, KLAUS-DIETER	
12:45	14:00	LUNCH		
14:00	15:45	Special Session 1.13 (SS1.13): Cyber Physical Systems Paradigm - Challenges for New Generation of Advanced Engineering Systems I		BERLIM
		SESSION CHAIR: PROF. DR. ENG. IOAN DUMITRACHE (UPB, ROMANIA)	SESSION CO-CHAIR: PROF. DR. ENG. IOAN SACALA (UPB, ROMANIA)	
14:05	14:25	<u>ID 344</u> - CHANCE-CONSTRAINED MODEL PREDICTIVE CONTROL FOR VEHICLE DRIVETRAINS IN A CYBER-PHYSICAL FRAMEWORK	CARUNTU, CONSTANTIN FLORIN; LAZAR, CORNELIU; VARGAS, ALESSANDRO DO NASCIMENTO	
14:25	14:45	<u>ID 373</u> - AGRICULTURAL ENTERPRISE ARCHITECTURE BASED ON CYBER PHYSICAL SYSTEMS PARADIGM	DUMITRACHE, IOAN; SACALA, IOAN; MOISESCU, MIHNEA ALEXANDRU; STANESCU, AURELIAN MIHAI; CARAMIHAI, SIMONA IULIANA	
14:45	15:05	<u>ID 380</u> - INTELLIGENT DEFECT MANAGEMENT SYSTEM FOR PORCELAIN INDUSTRY THROUGH CYBER-PHYSICAL SYSTEMS	KADAR, MANUELLA; GONÇALVES, RICARDO JARDIM; COVACIU, CRISTIAN; GARRIDO, SANTIAGO BULLON	
15:05	15:25	<u>ID 387</u> - SMART PHOTOVOLTAIC SYSTEMS	MURTA PINA, JOÃO; OLIVEIRA, JOÃO; CARREIRA, JOÃO; PACHECO, JOÃO; SIMÃO,	

		CARLOS; CARLOS, BRUNO; ESQUETIM, VERA
15:25	15:45	<u>ID 166</u> - A SAFE APPROACH USING VIRTUAL DEVICES TO EVALUATE HOME AUTOMATION ARCHITECTURES PRIOR INSTALLATIONS
		ASENSIO, JOSÉ A.; CRIADO, JAVIER; PADILLA, NICOLÁS; IRIBARNE, LUIS
14:00	15:45	Special Session 1.18 (SS1.18): Innovative Product-Service Design Using Manufacturing Intelligence II
		SIDNEY
		SESSION CHAIR: DR. ANA RITA CAMPOS (UNINOVA, PORTUGAL)
		SESSION CO-CHAIR: PROF. DIMITRIS MOURTZIS (LMS, UNIV. PATRAS, GREECE)
14:05	14:25	<u>ID 415</u> - VIRTUAL SHOWROOM FOR NEW TEXTILE DESIGN AND SALES
		SESANA, MICHELE; CANEPA, ALESSANDRO
14:25	14:45	<u>ID 364</u> - THE ROLE OF TECHNOLOGY IN DESIGNING AND DELIVERING PRODUCT-SERVICE SYSTEMS
		SALA, ROBERTO; ZANETTI, VITTORIO; PEZZOTTA, GIUDITTA; CAVALIERI, SERGIO
14:45	15:05	<u>ID 398</u> - OPINIONSIM: MODELLING AND SIMULATING STAKEHOLDERS' FEEDBACK TO PRODUCT-SERVICE SYSTEMS
		NEVES-SILVA, RUI; PINA, PAULO
15:05	15:25	<u>ID 404</u> - ENGINEERING ENVIRONEMNT TO SUPPORT PRODUCT-SERVICE DESIGN USING VALUE CHAIN DATA
		CAMPOS, ANA RITA; CORREIA, ANA TERESA; MOURTZIS, DIMITRIS; MARGARITO, ANTONIO; NTALAPERAS, DIMITRIS
14:00	15:45	Special Session 1.19 (SS1.19): Rethinking Project Management I
		TÓQUIO
		SESSION CHAIR: PROF. GABRIELA FERNANDES (UNIV. OF MINHO, PORTUGAL)
		SESSION CO-CHAIR: PROF. MADALENA ARAÚJO (UNIV. OF MINHO, PORTUGAL)
14:05	14:25	<u>ID 107</u> - PEREIRA DIAMOND: HOW TO MEASURE PROJECTS ECONOMIC AND SOCIAL IMPACTS?
		PEREIRA, LEANDRO F; TEIXEIRA, CLÁUDIA B; BASTOS, ANDRÉ S
14:25	14:45	<u>ID 353</u> - INTEGRATION OF PROJECT MANAGEMENT WITH NPD PROCESS
		COSTA, IRENE; FERNANDES, GABRIELA; TERESO, ANABELA
14:45	15:05	<u>ID 109</u> - KNOWLEDGE MANAGEMENT IN PROJECTS
		PEREIRA, LEANDRO F; GONÇALVES, ANTONIO F
15:05	15:25	<u>ID 110</u> - MANAGEMENT CONSULTING BUSINESS MODELS: A PERSPECTIVE OF SUSTAINABILITY
		PEREIRA, LEANDRO F; JERONIMO, CARLOS M; RAMOS, MARIANA R
15:25	15:45	<u>ID 184</u> - GOVERNANCE - WHAT GOVERNANCE?
		FRIJNS, PIETER; LEEUWEN VAN, FONS; BIERWOLF, ROBERT
14:00	15:45	Track Session (TS1.4): Built Environment
		Special Session 2.1 (SS2.1): Smart and interconnected built environment and Special Session 2.2 (SS2.2): Smart and interconnected built environment
		CARACAS
		SESSION CHAIR: JESUS MIGUEL ALONSO PEREZ (FERROVIAL, SPAIN)
		SESSION CO-CHAIR: ISABEL PINTO SEPPÄ (VTT, FINLAND)
14:05	14:25	<u>ID 111</u> - THE CONCEPT SELECTION OF LEAN SOFTWARE AND SYSTEM ENGINEERING TOOLS FOR SMART CITIES
		REDMOND, ALAN MARTIN; ALSHAWI, MUSTAFA ABBAS; ZARLI, ALAIN
14:25	14:45	<u>ID 265</u> - IMPACTS AND FUTURE CHALLENGES OF EUROPEAN RESEARCH FOR A SMART BUILT ENVIRONMENT
		NYKÄNEN, ESA; REDA, FRANCESCO; PINTO-SEPPÄ, ISABEL
14:45	15:05	<u>ID 323</u> - BIM-ENHANCED COLLABORATIVE SMART TECHNOLOGIES FOR LEAN CONSTRUCTION PROCESSES
		GUERRIERO, ANNIE; KUBICKI, SYLVAIN; BERROIR, FABRICE; LEMAIRE, CLÉMENT
15:05	15:25	<u>ID 414</u> - ENGAGING DIVERSE GROUPS OF STAKEHOLDERS TO GENERATE USEFUL TECHNICAL REQUIREMENTS
		ALONSO, JESUS MIGUEL; GODDEN, EDWARD

15:25	15:45	<u>ID 412</u> - ENERGY MANAGEMENT IN A PUBLIC BUILDING: A CASE STUDY CO-DESIGNING THE BUILDING ENERGY MANAGEMENT SYSTEM	MASTELIC, JOELLE; EMERY, LIONEL; PREVIDOLI, DEBORAH; PAPILLOUD, LUCIEN; CIMMINO, FRANCESCO; GENOUD, STEPHANE
15:45	16:15	COFFEE-BREAK	
16:15	18:00	Special Session 1.1 (SS1.1): Innovative Development of Intelligent Product - Service Systems	
		SIDNEY	
		SESSION CHAIR: DR. MARIA MARQUES (UNINOVA - GRIS, PORTUGAL)	SESSION CO-CHAIR: DIPL.-INF. SEBASTIAN SCHOLZE (ATB, GERMANY)
16:20	16:40	<u>ID 331</u> - AN ARCHITECTURE TO SUPPORT THE DEVELOPMENT OF RECONFIGURABLE AND UPDATABLE PRODUCT-SERVICE SYSTEMS IN FURNITURE SECTOR	MARQUES, MARIA; AGOSTINHO, CARLOS; POLER, RAUL; JARDIM-GONCALVES, RICARDO
16:40	17:00	<u>ID 347</u> - SERVICES FOR DEVELOPMENT OF SITUATIONAL AWARE INTELLIGENT PSS	SCHOLZE, SEBASTIAN; ANA TERESA, CORREIA; NAGORNY, KEVIN
17:00	17:20	<u>ID 298</u> - MODEL-SUPPORTED LIFECYCLE ANALYSIS: AN APPROACH FOR PRODUCT-SERVICE SYSTEMS	WELLSANDT, STEFAN; NORDEN, CHRISTIAN; AHLERS, REINHARD; CORTI, DONATELLA; TERZI, SERGIO; CERRI, DANIELE; THOBEN, KLAUS-DIETER
17:20	17:40	<u>ID 299</u> - PROPOSAL OF A METHODOLOGY FOR PSS LIFECYCLE-ORIENTED DESIGN: APPLICATION IN THE AUTOMOTIVE INDUSTRY	CATTANEO, LAURA; CERRI, DANIELE; TERZI, SERGIO; WELLSANDT, STEFAN; THOBEN, KLAUS-DIETER
17:40	18:00	<u>ID 366</u> - A MULTI-CRITERIA DECISION MODEL FOR THE SELECTION OF A MORE SUITABLE INTERNET-OF-THINGS DEVICE	SILVA, EDGAR MIGUEL; AGOSTINHO, CARLOS; JARDIM-GONCALVES, RICARDO
16:15	17:40	Special Session 1.13 (SS1.13): Cyber Physical Systems Paradigm - Challenges for New Generation of Advanced Engineering Systems II	
		BERLIM	
		SESSION CHAIR: PROF. DR. ENG. IOAN DUMITRACHE (UPB, ROMANIA)	SESSION CO-CHAIR: PROF. DR. ENG. IOAN SACALA (UPB, ROMANIA)
16:20	16:40	<u>ID 280</u> - FROM KEY BUSINESS FACTORS TO KPIS WITHIN A RECONFIGURABLE AND FLEXIBLE CYBER-PHYSICAL SYSTEM	BOSCHI, FILIPPO; ZANETTI, CRISTIANO; TAVOLA, GIACOMO; TAISCH, MARCO; LEITAO, PAULO; BARBOSA, JOSÉ; PEREIRA, ARNALDO
16:40	17:00	<u>ID 157</u> - PROCEDURAL ABDUCTION AS ENABLER OF SMART OPERATION OF CYBER-PHYSICAL SYSTEMS: THEORETICAL FOUNDATIONS	HORVATH, IMRE
17:00	17:20	<u>ID 183</u> - THE CONSTRUCTION OF A COMMON OBJECTIVE FUNCTION FOR ANALYTICAL INFRASTRUCTURES	GRUM, MARCUS; BENDER, BENEDICT; ALFA, ATTAHIRU
17:20	17:40	<u>ID 314</u> - SITUATION AWARENESS IN THE INTERNET OF THINGS	MOZZAQUATRO, BRUNO AUGUSTI; JARDIM-GONCALVES, RICARDO; AGOSTINHO, CARLOS
16:15	18:00	Special Session 1.19 (SS1.19): Rethinking Project Management II	
		TÓQUIO	
		SESSION CHAIR: PROF. GABRIELA FERNANDES (UNIV. OF MINHO, PORTUGAL)	SESSION CO-CHAIR: PROF. MADALENA ARAÚJO (UNIV. OF MINHO, PORTUGAL)
16:20	16:40	<u>ID 269</u> - ON THE FUTURE OF PROJECT MANAGEMENT INNOVATION: A CALL FOR DISCUSSION TOWARDS PROJECT MANAGEMENT 2030	BIERWOLF, ROBERT; ROMERO, DAVID; HENK, PELK; STETTINA, CHRISTOPH J.
16:40	17:00	<u>ID 270</u> - RISK MANAGEMENT - FROM RISK LOG TO RISK DIALOGUE	PIETER, FRIJNS; LEEUWEN. VAN, FONS; BIERWOLF, ROBERT
17:00	17:20	<u>ID 325</u> - PLANNING BENEFITS REALIZATION IN A COLLABORATIVE UNIVERSITY-INDUSTRY R&D FUNDED PROGRAM	FERNANDES, GABRIELA; PINTO, EDUARDO B.; ARAÚJO, MADALENA; MACHADO, RICARDO J.

17:20	17:40	<u>ID 338</u> - USEFULLNESS OF PROJECT MANAGEMENT PRACTICES IN INDUSTRIALIZATION PROJECTS - A CASE STUDY	PERROTTA, DEBORAH; FERNANDES, GABRIELA; ARAÚJO, MADALENA; TERESO, ANABELA; FARIA, JOÃO
17:40	18:00	<u>ID 108</u> - HOW TO BENCHMARK BANKING COMPANIES PERFORMANCE THROUGH A PROJECT PORTFOLIO PERSPECTIVE?	PEREIRA, LEANDRO F; TEIXEIRA, CLAUDIA B
End of Day One			

DAY TWO: 28TH JUNE 2017

Time	Title	Authors	Room
11:00	12:45	Special Session 1.7 (SS1.7): Trends in Energy Storage for Future Grids	
		SESSION CHAIR: PROF. MIHAI SANDULEAC (UPB, ROMANIA)	SESSION CO-CHAIR: DR. MAURIZIO SPIRITO (INST. SUP. MARIO BOELLA, ITALY)
11:05	11:25	<u>ID 283</u> - TOWARDS COOPERATIVE ESS FOR DISTRIBUTION SYTEMS WITH HIGH PENETRATION OF RES AND EV	FU, JINYONG; TOMASI, RICCARDO; FANTINO, MAURIZIO; SPIRITO, MAURIZIO; KRAUß, VERONIKA; WERNER-KYTÖLÄ, OTILIA; SANDULEAC, MIHAI; WAD THYBO, GITTE; PAOLUCCI, GIOVANNI
11:25	11:45	<u>ID 295</u> - GRID-DRIVEN TOOL FOR RENEWABLES INTEGRATION BASED ON NODAL CAPACITY ALLOCATION	AMARO, NUNO; REIS, FRANCISCO
11:45	12:05	<u>ID 421</u> - HYBRID AC AND DC SMART HOME RESILIENT ARCHITECTURE. TRANSFORMING PROSUMERS IN UNIRCONS	SANDULEAC, MIHAI; ALBU, MIHAELA; TOMA, LUCIAN; MARTINS, JOÃO; PRONTO, ANABELA GONÇALVES; DELGADO-GOMES, VASCO
11:00	12:45	Track Session (TS1.1): Innovative Mechatronic Systems for Added Value Applications I Special Session 1.4 (SS1.4): Design of Medical Devices and Smart Healthcare Systems and Special Session 1.5 (SS1.5): Problem Solving in Industry	
		SESSION CHAIR: PROF. JOSÉ MACHADO (METRICS, UNIVERSITY OF MINHO, PORTUGAL)	SESSION CO-CHAIR: PROF. VITOR CARVALHO (ALGORITMI, UNIVERSITY OF MINHO, PORTUGAL); PROF. JOÃO MENDONÇA (METRICS, UNIVERSITY OF MINHO, PORTUGAL)
11:05	11:25	<u>ID 180</u> - MEASURING POSITION SINGULARITIES OF THE KUKA KR5 ROBOT	HUSI, GÉZA
11:25	11:45	<u>ID 259</u> - ACOUSTIC SIMULATION OF A STEERING SENSOR FOR GEOMETRIC DESIGN OPTIMIZATION	FIGUEIREDO, LUIS FILIPE GUIOMAR; DOURADO, MARCO; SABET, SAYYED M. M.; PEREIRA, ANTÓNIO; MACHADO, JOSÉ; MEIRELES, JOSÉ; BRITO, IRENE; PINTO, FRANCISCO
11:45	12:05	<u>ID 346</u> - INNOVATIVE COUPLING SYSTEM FOR INDUSTRIAL VEHICLES: AN AGV ORIENTED APPROACH AND DEVELOPMENT	PEREIRA, DAVIDE; MACHADO, JOSÉ; MENDONÇA, JOÃO PEDRO
12:05	12:25	<u>ID 318</u> - SMARTBATH: WATER TEMPERATURE CONTROL SYSTEM	BEZERRA, KAROLINA; GONZALEZ, LÍDIA; MACHADO, JOSÉ; CARVALHO, VÍTOR; SOARES, FILOMENA; MATOS, DEMÉTRIO

12:25	12:45	<u>ID 263</u> - <i>ROCKER OUTSOLE SHOES AND MARGIN OF STABILITY DURING WALKING: A PRILIMINARY STUDY</i>	GHOMIAN, BANAFSHE; NAEMI, ROOZBEH; MEHDIZADEH, SINA; JAFARI, HASSAN; AGHILI, ROKHSAREH; MACHADO, JOSÉ; SILVA, LUÍS F.; LOBARINHAS, PEDRO; SAEEDI, HASSAN
11:00	12:45	Track Session (TS1.5): Smart-Cities, Living-Labs and Open Innovation Ecosystems (SS2.6)	
		SESSION CHAIR: MARC PALLOT (ARTS & METIERS PARISTECH, FRANCE)	SESSION CO-CHAIR: LUCA CANETTA (SUPSI, SWITZERLAND)
11:05	11:25	<u>ID 300</u> - <i>HOW CONSUMERS PREFER TO INNOVATE IN RENEWABLE ENERGY AND WHAT THEY EXPECT TO GET IN RETURN FOR CO-CREATION</i>	KOTILAINEN, KIRSI; VALTA, JUSSI; JÄRVENTAUSTA, PERTTI
11:25	11:45	<u>ID 310</u> - <i>PROPOSAL OF AN INNOVATION FRAMEWORK IN AN INTERNATIONAL MANUFACTURING COMPANY</i>	LACOM, PAULINE; BAZZARO, FLORENCE; SAGOT, JEAN-CLAUDE
11:45	12:05	<u>ID 322</u> - <i>EXPLORING COMMERCIAL UAV MARKET EVOLUTION FROM CUSTOMER REQUIREMENTS ELICITATION TO COLLABORATIVE SUPPLY NETWORK MANAGEMENT</i>	CANETTA, LUCA; MATTEI, GIANPIERO; GUANZIROLI, ATHOS
12:05	12:25	<u>ID 359</u> - <i>EXPERIENCES IN INTERACTIVE COLLABORATIVE LEARNING USING AN OPEN INNOVATION LABORATORY - THE DESIGN METHODOLOGIES COURSE AS CASE STUDY</i>	MIRANDA, JHONATTAN; CHAVARRIA-BARRIENTOS, DANTE; MACÍAS, MANUEL; MOLINA, MARTÍN; PONCE, PEDRO; WRIGHT, PAUL K.; MOLINA, ARTURO
12:25	12:45	<u>ID 403</u> - <i>TOWARDS RELIABLE AND VALID MIXED METHODS INSTRUMENT IN USER EXPERIENCE STUDIES</i>	KRAWCZYK, PIOTR; TOPOLEWSKI, MARCIN; PALLOT, MARC
12:45	14:00	LUNCH	
14:00	15:45	Track Session (TS1.5): Smart-Cities, Living-Labs and Open Innovation Ecosystems (SS2.4)	
		SESSION CHAIR: MARC PALLOT (ARTS & METIERS PARISTECH, FRANCE)	SESSION CO-CHAIR: LAURENT DUPONT (UNIVERSITÉ DE LORRAINE, FRANCE)
14:05	14:25	<u>ID 248</u> - <i>INNOVATION BY SERVICE PROTOTYPING</i>	ABDEL RAZEK, ABDUL RAHMAN; VAN HUSEN, CHRISTIAN; PALLOT, MARC; RICHIR, SIMON
14:25	14:45	<u>ID 176</u> - <i>A REVIEW OF METHODS FOR MODELLING SHARED DECISION-MAKING PROCESS IN A SMART CITY LIVING LAB NEW CHALLENGES, NEW APPROACHES BEYOND 2020</i>	TRAN, THI HOANG GIANG; CAMARGO, MAURICIO; DUPONT, LAURENT; MAYER, FRÉDÉRIQUE
14:45	15:05	<u>ID 201</u> - <i>ENHANCING INNOVATION QUALITY THROUGH THE INVOLVEMENT OF EXTERNAL PARTNERS: AN EXPLORATIVE ANALYSIS ON THE BIO-PHARMACEUTICAL INDUSTRY</i>	CAMMARANO, ANTONELLO; MICHELINO, FRANCESCA; CAPUTO, MAURO
15:05	15:25	<u>ID 214</u> - <i>A SUSTAINABILITY BASED OPTIMIZATION MODEL FOR STARTING SOLUTIONS IN TOOLKITS FOR MASS CUSTOMIZATION</i>	HANKAMMER, STEPHAN; WEBER, ALEXANDER MIGUEL; CANETTA, LUCA; KAYGIN SEL, SULTAN; HORA, MAIKE
15:25	15:45	<u>ID 251</u> - <i>"SMARTERIZED" URBAN PROJECT PROCESS WITH LIVING LAB APPROACH : EXPLORATION THROUGH STUDY CASE</i>	LACROIX, JONATHAN; DUPONT, LAURENT; GUIDAT, CLAUDINE; HAMEZ, GRÉGORY
14:00	15:45	Track Session (TS1.1): Innovative Mechatronic Systems for Added Value Applications II	
		Special Session 1.6 (SS1.6): Engineering Education	
		SESSION CHAIR: PROF. JOSÉ MACHADO (METRICS, UNIVERSITY OF MINHO, PORTUGAL)	SESSION CO-CHAIR: PROF. CELINA PINTO LEÃO (ALGORITMI, UNIVERSITY OF MINHO, PORTUGAL)

14:05	14:25	<u>ID 381</u> - TO BE OR NOT TO BE AN ENGINEER? - PERCEPTIONS AMONG 3RD CYCLE BASIC SCHOOL STUDENTS	TRIGO, ANA MARGARIDA; LEÃO, CELINA PINTO; SOARES, FILOMENA
14:25	14:45	<u>ID 383</u> - PEER ASSESSMENT IN PBL: DOES GENDER MATTER?	ALVES, ANABELA C; MOREIRA, FRANCISCO; LEÃO, CELINA P.
14:45	15:05	<u>ID 320</u> - DESIGN, IMPLEMENTATION AND PRELIMINARY TESTS OF E-DUCATION PLATFORM	DIAS, LUIS; SOARES, FILOMENA; CARVALHO, VITOR; MACHADO, JOSÉ; LEÃO, CELINA P
15:05	15:25	<u>ID 384</u> - IS STUDENTS' SATISFACTION IN ELECTRICAL ENGINEERING COURSES INFLUENCED BY GENDER?	LEÃO, CELINA P; SOARES, FILOMENA; GUEDES, ANABELA; SENA-ESTEVEES, M. TERESA; ALVES, GUSTAVO; BRÁS- PEREIRA, ISABEL M.; HAUSMAN, ROMEU; PETRY, CLÓVIS
15:25	15:45	<u>ID 216</u> - EDUCATIONAL MODEL OF UNSTABLE MIMO SYSTEM	SPACEK, LUBOS; VOJTESEK, JIRI; BOBAL, VLADIMIR
14:00	15:45	Track Session (TS1.2): Knowledge Management & Engineering	
		Special Session 1.11 (SS1.11): Strategic Knowledge Management Theories, Policies and Practices and Special Session 1.12 (SS1.12): Systems Approach to Knowledge Engineering - People, Culture and Techonolgy Challenges and Opportunities	
		SESSION CHAIR: PROF. ANDREJ TIBAUT (UNIVERSITY OF MARIBOR, SLOVENIA)	SESSION CO-CHAIR: PROF. ELIAS G CARAYANNIS (GWU, USA); PROF. MANLIO DEL GIUDICE, DR. ARMANDO PAPA (UNIV. ROME, ITALY); DR. BRANKO KAUČIČ (IIT LTD, SLOVENIA)
14:05	14:25	<u>ID 365</u> - AN AUTOMATED KNOWLEDGE DISCOVERY FRAMEWORK WITH MULTI-AGENT SYSTEMS - KDMAS	KADAR, MANUELLA; TULBURE, ADRIAN
14:25	14:45	<u>ID 375</u> - ELICITING END USERS REQUIREMENTS OF A SUPPORTIVE SYSTEM FOR TACIT KNOWLEDGE MANAGEMENT PROCESSES IN VALUE NETWORKS: A DELPHI STUDY	BAGHERI, SAMANEH; KUSTERS, ROB; TRIENEKENS, JOS
14:45	15:05	<u>ID 395</u> - KNOWLEDGE MODELLING OF BUILDINGS: USE CASE FOR HERITAGE BUILDINGS	TIBAUT, ANDREJ; DVORNIK PERHAVEC, DANIELA; KAUČIČ, BRANKO
15:05	15:25	<u>ID 200</u> - ENGINEERING ACTIVITIES - CONSIDERING VALUE CREATION FROM A HOLISTIC PERSPECTIVE	LÜNNEMANN, PASCAL; WANG, WEI MIN; MANTECA, PAOLA IBÁÑEZ; STARK, RAINER
15:25	15:45	<u>ID 287</u> - ALLOCATION OF INDIRECT COSTS USING FUZZY INFERENCE SYSTEM	RODRIGUES, MURILLO; SÁ, JOSÉ; MOREIRA, CLEVER; ROCHA, BRIGIDA
14:00	15:45	Special Session 2.3 (SS2.3): Big Data Applications & Future Trends I	
		SESSION CHAIR: DR. CARLOS AGOSTINHO (UNINOVA - GRIS, PORTUGAL)	
		SESSION CO-CHAIR: DR. RUBEN COSTA (UNINOVA - GRIS, PORTUGAL)	
14:05	14:25	<u>ID 326</u> - BIG DATA IN POWER SYSTEMS: LEVERAGING GRID OPTIMIZATION AND WAVE ENERGY INTEGRATION	AMARO, NUNO; MURTA PINA, JOÃO
14:25	14:45	<u>ID 329</u> - INTELLIGENT SECURITY ON THE EDGE OF THE CLOUD	ZISSIS, DIMITRIS
14:45	15:05	<u>ID 340</u> - MARITIME DATA TECHNOLOGY LANDSCAPE AND VALUE CHAIN: EXPLOITING OCEANS OF DATA FOR MARITIME APPLICATIONS	FERREIRA, JOSE; LOPES, RUI; CHATZIKOKOLAKIS, KONSTANTINOS; ZISSIS, DIMITRIS; VIDAL, MARIA-ESTHER; MOUZAKITIS, SPYROS; AGOSTINHO, CARLOS
15:05	15:25	<u>ID 342</u> - BIG DATA EXPLOITATION FOR MARITIME APPLICATIONS; A MULTI-SEGMENT PLATFORM TO	KOKKINAKOS, PANAGIOTIS; MICHALITSI-PSARROU, ARIADNI; MOUZAKITIS, SPIROS;

	ENABLE MARITIME BIG DATA SCENARIOS	KOUSSOURIS, SOTIRIS; ALVERTIS, IOSIF; ASKOUNIS, DIMITRIS
15:25	15:45	<u>ID 357</u> - A BIG DATA ARCHITECTURE FOR MANAGING OCEANS OF DATA AND MARITIME APPLICATIONS LYTRA, IOANNA; VIDAL, MARIA-ESTHER; ORLANDI, FABRIZIO; ATTARD, JUDIE; AUER, SÖREN
14:00	15:45	Special Session 1.8 (SS1.8): Corporate Approaches for Innovation & Technology Management II FUNCHAL
		SESSION CHAIR: KEVIN REUTER (UNIVERSITY OF WEST OF SCOTLAND, UNITED KINGDOM) SESSION CO-CHAIR: CHRISTOPH SELIG (HTWG KONSTANZ, GERMANY)
14:05	14:25	<u>ID 178</u> - INCUBATORS IN MULTINATIONAL CORPORATIONS - DEVELOPMENT OF A CORPORATE INCUBATOR OPERATOR MODEL HIRTE, REBECCA; DROST, LAURA; MÜNCH, PROF. JÜRGEN
14:25	14:45	<u>ID 301</u> - CLARIFYING THE ROLES IN CORPORATE ENTREPRENEURSHIP SELIG, CHRISTOPH JOHANNES; BALTES, GUIDO HERIBERT
14:45	15:05	<u>ID 194</u> - INTRAPRENEURSHIP: EMPLOYEES' ATTITUDE AND THE APPROPRIATE WORKING ENVIRONMENT REUTHER, KEVIN; SCHUMANN, CHRISTIAN-ANDREAS; BORODZICZ, EDWARD P.; JOHNSTON, JAMES B
15:05	15:25	<u>ID 302</u> - FAULT ANALYSIS AND CORRECTION BY APPLYING PROCESS-INTEGRATED MEASUREMENT IN AUTOMATED PRODUCTION FACILITIES BAUM, JENS; OTTO, FRANK; KLEIN, THOMAS; KAUPER, JULIA; SCHUMANN, CHRISTIAN-ANDREAS
15:25	15:45	<u>ID 348</u> - SMART INTEROPERABLE LOGISTIC ENVIRONMENT FORKEL, ERIC; SCHUMANN, CHRISTIAN-ANDREAS
15:45	16:15	COFFEE-BREAK
16:15	17:40	Track Session (TS1.1): Innovative Mechatronic Systems for Added Value Applications III LISBOA Special Session 1.3 (SS1.3): Design of Cyber-Physical and Manufacturing Systems
		SESSION CHAIR: PROF. JOSÉ MACHADO (METRICs, UNIVERSITY OF MINHO, PORTUGAL) SESSION CO-CHAIR: PROF. FILOMENA SOARES (ALGORITMI, UNIVERSITY OF MINHO, PORTUGAL)
16:20	16:40	<u>ID 192</u> - REAL-TIME DIGITAL CONTROL OF TIME-DELAY SYSTEMS: FROM SMITH PREDICTOR TO MPC HOLIS, RADEK; BOBAL, VLADIMIR; VOJTESEK, JIRI
16:40	17:00	<u>ID 324</u> - MONITORING AND CONTROL OF INDUSTRIAL SEWING MACHINES- RESEARCH ON THREAD TENSION BEHAVIOUR IN LOCKSTITCH MACHINES CARVALHO, HELDER; FERREIRA, FERNANDO; MELLERO, PATRICIA; BIEGAS, SANDRA
17:00	17:20	<u>ID 207</u> - ADVANCED EVENT BASED CONTROL STRATEGY FOR URBAN STREET LIGHTING ASTILEAN, ADINA; AVRAM, CAMELIA; BOLBOACA, RAMONA; SITA, VALENTIN; POP, MIHAI
17:20	17:40	<u>ID 168</u> - REAL-TIME SCHEDULING WITH MLFQ-RT MULTILEVEL FEEDBACK QUEUE WITH STARVATION MITIGATION HOGANSON, KENNETH, E; JOSEPH, BROWN
16:15	17:40	Special Session 2.3 (SS2.3): Big Data Applications & Future Trends II CAPE TOWN
		SESSION CHAIR: DR. CARLOS AGOSTINHO (UNINOVA - GRIS, PORTUGAL) SESSION CO-CHAIR: DR. RUBEN COSTA (UNINOVA - GRIS, PORTUGAL)
16:20	16:40	<u>ID 388</u> - BIG DATA ANALYTICS IN PUBLIC SAFETY AND PERSONAL SECURITY: CHALLENGES AND POTENTIAL BILIRI, EVMORFIA; KOKKINAKOS, PANAGIOTIS; MICHALITSI-PSARROU, ARIADNI; PAPANPYROS, DIMITRIS; TSAPELAS, JOHN; MOUZAKITIS, SPIROS; KOUSSOURIS, SOTIRIS; LAMPATHAKI, FENARETI; GLICKMAN, YURY; KIRSTEIN, FABIAN

16:40	17:00	<u>ID 399</u> - USER INTERFACE SUPPORT FOR A BIG ETL DATA PROCESSING PIPELINE: AN APPLICATION SCENARIO ON HIGHWAY TOLL CHARGING MODELS	FIGUEIRAS, PAULO; COSTA, RUBEN; GUERREIRO, GUILHERME; ANTUNES, HUGO; ROSA, ANTÓNIO; JARDIM-GONÇALVES, RICARDO
17:00	17:20	<u>ID 406</u> - SEMANTIC ENRICHMENT OF PRODUCT DATA SUPPORTED BY MACHINE LEARNING TECHNIQUES	COSTA, RUBEN; FIGUEIRAS, PAULO; JARDIM-GONÇALVES, RICARDO; RAMOS-FILHO, JOSÉ; LIMA, CELSON
17:20	17:40	<u>ID 410</u> - PREMIUM: BIG DATA PLATFORM FOR ENABLING SELF-HEALING MANUFACTURING	STOJANOVIC, LJILJANA; STOJANOVIC, NENAD
16:15	18:00	Track Session (TS1.5): Smart-Cities, Living-Labs and Open Innovation Ecosystems (SS2.5)	
		Berlim	
		SESSION CHAIR: MARC PALLOT (ARTS & METIERS PARISTECH, FRANCE)	SESSION CO-CHAIR: ROBERTO SANTORO (ESOCE NET, ITALY)
16:20	16:40	<u>ID 221</u> - GROWTH OF MOBILE FINANCIAL SERVICES - KEY LEARNINGS FROM LITERATURE, INDUSTRY ANALYSIS AND CASES	NESSE, PER J.; RISNES, ODDVAR; HALLINGBY, HANNE STINE; MUNCH-ELLINGSEN, ARNE; CANRIGHT, GEOFFREY ST. JOHN
16:40	17:00	<u>ID 244</u> - PEOPLE OLYMPICS FOR SOCIAL INNOVATION: CO-CREATING THE SILVER SHARING ECONOMY FOR THE AGING SOCIETY	SANTORO, ROBERTO; VERA-MUÑOZ, CECILIA; BELLI, ALAIN
17:00	17:20	<u>ID 245</u> - UX-FFE MODEL: AN EXPERIMENTATION OF A NEW INNOVATION PROCESS DEDICATED TO A MATURE INDUSTRIAL COMPANY	LECOSSIER, ADRIEN; PALLOT, MARC
17:20	17:40	<u>ID 247</u> - EFFORTLESS CAPTURE OF DESIGN OUTPUT: A PREREQUISITE FOR BUILDING A DESIGN REPOSITORY WITH QUANTIFIED DESIGN OUTPUT	SJÖMAN, HEIKKI; ERICHSEN, JORGEN ANDREAS BOGEN; WELO, TORGEIR; STEINERT, MARTIN
17:40	18:00	<u>ID 249</u> - MANAGING OPEN INNOVATION IN CONNECTED HEALTH THROUGH A LIVING LAB	CHAHER, YOSRA; PINGAUD, HERVÉ; BELAUD, JEAN-PIERRE
End of Day Two			

DAY THREE: 29TH JUNE 2017

Time	Title	Authors	Room
11:00	12:45	Special Session 1.9 (SS1.9): Sensors and Sensing System for Assistive Technology	
		CARACAS	
		SESSION CHAIR: PROF. BRUNO ANDÒ (DIEEI, UNIVERSITY OF CATANIA, ITALY)	SESSION CO-CHAIR: PROF. VINCENZO MARLETTA (DIEEI, UNIVERSITY OF CATANIA, ITALY)
11:05	11:25	<u>ID 334</u> - FALL RISK EVALUATION BY SURFACE ELECTROMYOGRAPHY TECHNOLOGY	LEONE, ALESSANDRO; RESCIO, GABRIELE; SICILIANO, PIETRO
11:25	11:45	<u>ID 151</u> - FUZZY INFERENCE SYSTEM ASSISTED INERTIAL LOCALIZATION SYSTEM	SCHOTT, DOMINIK J.; HOEFLINGER, FABIAN; YANG, HAI; ZHANG, RUI; REINDL, LEONHARD M.
11:45	12:05	<u>ID 374</u> - A NEUROFUZZY APPROACH FOR FALL DETECTION	ANDO, BRUNO; BAGLIO, SALVATORE; MARLETTA, VINCENZO
12:05	12:25	<u>ID 401</u> - THE HELICOPTER PROJECT: WIRELESS SENSOR NETWORK FOR MULTI-USER BEHAVIORAL	BIANCHI, VALENTINA; GUERRA, CLAUDIO; BASSOLI, MARCO; DE MUNARI, ILARIA;

		MONITORING	CIAMPOLINI, PAOLO
12:25	12:45	<u>ID 293</u> - MEASURING TECHNOLOGICAL DIVERSITY OVER TECHNOLOGY LIFECYCLE	RIKKIEV, ANDREI; MÄKINEN, SAKU
11:00	12:45	Special Session 1.17 (SS1.17): Industrial Applications: Theory and Practice I	
		TÓQUIO	
		SESSION CHAIR: DR. MARIA MARQUES (UNINOVA - GRIS, PORTUGAL)	SESSION CO-CHAIR: DR. CARLOS AGOSTINHO (UNINOVA - GRIS, PORTUGAL)
11:05	11:25	<u>ID 235</u> - COLLABORATIVE CALCULATION OF THE MATERIALS REQUIREMENT PLANNING USING A CLOUD PLATFORM. APPLICATION IN THE AUTOMOTIVE INDUSTRY: IN THE SCOPE OF CLOUD COLLABORATIVE MANUFACTURING NETWORKS PROJECT (C2NET)	ANDRES, BEATRIZ; SANCHIS, RAQUEL; POLER, RAUL; SAARI, LEILA
11:25	11:45	<u>ID 341</u> - AN APPROACH TO PRODUCTION SCHEDULING OPTIMIZATION - A CASE OF AN OIL LUBRICATION AND HYDRAULIC SYSTEMS MANUFACTURER	KATASONOV, ARTEM; SAARI, LEILA MARGARETA; BENDAS, DAN; LASTUSLITA, TONI; KORVOLA, TIMO; CAMP, ROBERTO; MOHAMMED, WAEI M.; NIETO, ANGELICA
11:45	12:05	<u>ID 352</u> - METALWORKING SMEs NETWORK RESOURCES OPTIMIZATION: C2NET CASES	CUNHA, ADRIANA; MENDONÇA, JOÃO PEDRO; SILVA, PEDRO; MARQUES, MARIA; AGOSTINHO, CARLOS
12:05	12:25	<u>ID 354</u> - CONFIGURING AND VISUALIZING THE DATA RESOURCES IN A CLOUD-BASED DATA COLLECTION FRAMEWORK	MOHAMMED, WAEI M.; ALEIXO, DAVID; RAMIS FERRER, BORJA; AGOSTINHO, CARLOS; MARTINEZ LASTRA, JOSE LUIS
12:25	12:45	<u>ID 417</u> - TOWARDS SMART AGRICULTURE USING FIWARE ENABLERS	FERREIRA, DIOGO; CORISTA, PEDRO; GIÃO, JOÃO; GHIMIRE, SUDEEP; SARRAIPA, JOAO; JARDIM-GONCALVES, RICARDO
12:45	14:00	LUNCH	
14:00	15:45	Special Session 1.17 (SS1.17): Industrial Applications: Theory and Practice II	
		TÓQUIO	
		SESSION CHAIR: DR. MARIA MARQUES (UNINOVA - GRIS, PORTUGAL)	SESSION CO-CHAIR: DR. CARLOS AGOSTINHO (UNINOVA - GRIS, PORTUGAL)
14:05	14:25	<u>ID 355</u> - A MULTI-AGENT APPROACH FOR PROCESSING INDUSTRIAL ENTERPRISE DATA	MOHAMMED, WAEI M.; RAMIS FERRER, BORJA; SANCHIS, RAQUEL; ANDRES, BEATRIZ; AGOSTINHO, CARLOS; MARTINEZ LASTRA, JOSE LUIS
14:25	14:45	<u>ID 358</u> - PROCESSES ORCHESTRATION FOR PREVENTING AND MANAGING SHORTAGES IN A SUPPLY CHAIN: A DERMO-COSMETICS USE CASE	HAUSER, FREDERIC; POMPONNE, VINCENT; JIANG, ZHENG; LAMOTHE, JACQUES; BENABEN, FREDERICK
14:45	15:05	<u>ID 328</u> - IMPLEMENTATION OF ENTERPRISE OPERATING SYSTEM (EOS) IN INDUSTRY 4.0 BASED ON THE DECENTRALIZED DECISION SUPPORT	RAHME YOUSSEF, JOSEPH LAURENT; MARQUES, MARIA; ZACHAREWICZ, GREGORY; AGOSTINHO, CARLOS; JARDIM-GONÇALVES, RICARDO; CHEN, DAVID
15:05	15:25	<u>ID 370</u> - A NEGOTIATION APPROACH TO SUPPORT INTEROPERABILITY IN A COLLABORATIVE MANUFACTURING ENVIRONMENT	CRETAN, ADINA - GEORGETA; COUTINHO, CARLOS; BRATU, BEN; JARDIM-GONCALVES, RICARDO
15:25	15:45	<u>ID 281</u> - DISTRIBUTED SOFTWARE DEVELOPMENT OF A CLOUD SOLUTION FOR COLLABORATIVE MANUFACTURING NETWORKS	BENDAS, DAN; SAARI, LEILA; DE JUAN-MARÍN, RUBÉN; BERNABÉ-GISBER, JOSEP MARIA; COUTINHO, CARLOS; LOPES, LUÍS
End of Day Three			