

ICPR-AEM - QIEM 2014

Authors	Title	Room	Timeframe
Giulia Bruno, Teresa Taurino and Agostino Villa	FROM MANUFACTURING DATA TO SEMANTIC MODELS: HOW TO STRUCTURE SME KNOWLEDGE	Bernini	02.07.2014, 15.30-17.30
Chen-Cheng Huang, Chin-Yin Huang and Shimon Y. Nof	COMMUNICATION THEOREMS AND PRINCIPLES FOR COLLABORATIVE PRODUCTION		
Rob Dekkers	GROUP TECHNOLOGY: AMALGAMATION WITH ORGANISATIONAL DESIGN		
Stefan Wagner, Dennis Hofmann and Mathias Liewald	ENERGY EFFICIENCY IN FORMING PROCESSES		
Hao Zhong and Shimon Y. Nof	DLOC COMPLEX NETWORK MODEL FOR SUPPLY NETWORK DISRUPTION RESPONSE		
Dominik T. Matt, Erwin Rauch and Patrick Dallasega	KNOWLEDGE WORK AND KNOWLEDGE MANAGEMENT IN SMALL AND MEDIUM SIZED ENGINEER-TO-ORDER ENTERPRISES		
Marek Fertsch and Michal Fertsch	MATERIALS MANAGEMENT SYSTEM FOR REMANUFACTURING		
Dănuț Julean, Claudiu Nedezki, Răzvan Curta and Adrian Trif	EXPERIMENTAL STUDY ON TURNING COMMERCIAL PURE TITANIUM (CPTI)		
Carmen Constantinescu, Paul Cristian Muresan, Sabin Mihai Ginta and Oliver Todorovic	MODELLING AND SIMULATION OF ADVANCED FACTORY ENVIRONMENTS INTEGRATING INTELLIGENT EXOSKELETON		
Manfred Dangelmaier and Roland Blach	EXPERIENCE ENGINEERING FOR ACCESSIBLE PRODUCTS		
Robert Refflinghaus and Christian Kern	OPTIMIZATION OF MANUAL ASSEMBLY OPERATIONS BY EVALUATING HUMAN ERROR PROBABILITIES	Bernini	03.07.2014, 15.30-17.30
Dominik T. Matt, Michael Pichler and Erwin Rauch	COLLABORATION STREAM MAPPING (CSM) – A METHOD FOR IMPROVING ENTERPRISE KNOWLEDGE MANAGEMENT		
Laurentiu Slatineanu, Ciprian Mircescu, Margareta Coteata, Oana Dodun, Irina Besliu and Miroslav Radovanovic	CHARACTERISTICS OF OBTAINING EXTERNAL CYLINDRICAL SURFACES BY RAM ELECTRODISCHARGE MACHINING		
Klaus Drotleff and Mathias Liewald	APPROACHES TO CALCULATE THE FORMING LIMIT CURVE UNDER NONLINEAR STRAIN-PATHS		
Sébastien Bougain, Detlef Gerhard, Christian Nigischer, Sinan Uđurlu and Iman Ayatollahi	INTEGRATING ENERGY DEMAND OF MANUFACTURING RESOURCES IN PRODUCTION PLANNING		
Nicolae Stelian Ungureanu, Michal Hatala and Mihai Banica	CONSIDERATIONS ABOUT THE INNOVATIVE PROCESS IN INDUSTRIAL MAINTENANCE		
Agnieszka Misztal, Marcin Butlewski, Nadia Belu and Laurentiu Mihai Ionescu	CREATING INVOLVEMENT OF PRODUCTION WORKERS BY RELIABLE TECHNICAL MAINTENANCE		
Metin Yurdaskal, Mustafa Erol and Erdal Celik	PRODUCTION OF CARBON BASED NANOCOMPOSITE COATINGS AND INVESTIGATION OF THE USAGE OF TEMPERATURE SENSOR		
Pinar Demircioglu, Ismail Bogrekci, Ihab Elaff and H. Saygin Sucuoglu	DETERMINATION OF TOOL WEAR USING THERMAL CAMERA		
Jörg Niemann and Adrian Pisla	FACTORY LAYOUT DESIGN AND OPTIMISATION USING PLAVIS visTABLE		
Yildirim Serdar, Demirci Selim, Omer Mermer, Mustafa Toparli, Alican Alicikus L. Zumre, Akman Fadime and Celik Erdal	PRODUCTION AND DEVELOPMENT OF MONOCLINIC YTTRIUM TANTALATE (M'-YTaO4) X-RAY PHOSPHOR VIA SOL-GEL TECHNIQUE	Bernini	04.07.2014, 10.00-11.00
Margareta Coteata, Laurentiu Slatineanu and Nicolae Pop	MATERIAL REMOVAL RATE AT THE ELECTROCHEMICAL DISCHARGE DRILLING		
Glad Contiu, Marcel S. Popa and Liliana Florina Potra	OPTIMISATION OF THE EDM PROCESS FROM THE POINT OF VIEW OF THE THERMAL ENERGY FLUX OF GAUSS-SPLINE TYPE		
Sorin Dumitru Grozav, Vasile Ceclan and Ivan Kuric	DETERMINING DEFORMATION FORCE IN ORBITAL DEFORMATION AND COMPARING IT WITH OTHER CONVENTIONAL METHODS		
Mehmet Faruk Ebeoglugil and Celik Erdal	SYNTHESIS AND CHARACTERIZATION OF PYROCHLORE-FREE Dy DOPED Pb(Mq1/3Nb2/3)O3 NANO SCALE POWDERS DERIVED FROM SOL-GEL		
Andrei-Ioan Kozuk and Petru Berce	CONSIDERATIONS REGARDING TO EXTEND TECHNOLOGICAL CAPABILITIES OF 3 AXIS MACHINES WITH NUMERICAL CONTROL		
Mehmet Faruk Ebeoglugil and Celik Erdal	THE PROCESSING AND CHARACTERIZATION EUROPIUM DOPED Pb(Mg1/3Nb2/3)O3 (PMN) NANO SCALE POWDERS FOR THIN FILM CAPACITOR		
Ozlem Canpolat, Fatma Bakal, Güneş Kurşun, Aysegül İyilikçi Pala and Erdal Celik	NEW GENERATION K2LN2Ti3O10 PHOTOCATALYTIC SEMICONDUCTING THIN FILMS AND THEIR INDUSTRIAL APPLICATION	Bernini	04.07.2014, 11.30-12.30
Yigit Recep, Birlik Isil, Ak Azem N. Funda, Bardakcioglu Onur, Durakbasa M. Numan and Celik Erdal	INVESTIGATION OF THE MINIMUM QUANTITY LUBRICATION GRINDING USING NANOFUIDS		
Grigore Cocian and Catalin Popa	EXPERIMENTAL STUDIES REGARDING BINDER'S INFLUENCE ON ALUMINUM ALLOYS IN CONTROLLED ATMOSPHERE BRAZING		
Răzvan T. Curta, Dănuț Julean, Claudiu Nedezki and Mihai Steopan	FINISH MILLING OPTIMIZATION IN CASE OF AA6060-T6 ALUMINIUM ALLOY		
Andrei-Ioan Kozuk and Petru Berce	MATHEMATICAL MODELING OF 3+2 AXIS CNC FROM GEOMETRICAL POINT OF VIEW		
Sorin Dumitru Grozav, Jerzy Jóźwik and Ivan Kuric	R-TEST DYNAMIC MEASUREMENT OF 5-AXIS CNC MACHINING CENTRE ROTARY AXIS KINEMATIC CENTRE ERROR		
Florin Popister, Daniela Popescu, Radu Comes and Rares Adrian Ghinea	SCALLOP CALCULUS IN DIRECT MILLING ROUGHING TOOL PATHS OBTAINED USING ORIENTED GRAPH THEORY		
Gregor Weber, Markus Bodemann and Andrei Hohan	CHANGE-MANAGEMENT IN ENTERPRISES TO FACE THE CHANGES IN ENERGY ECONOMICS	Boticelli	02.07.2014, 15.30-17.30
Maria Virginia Iuga, Claudiu V. Kifor and Liviu I. Bosca	TIME TO BECOME LEAN: THE IMPLEMENTATION MODEL		
Constantin Bungau, Florin Blaga and Cosmin Gherghe	KAIZEN IMPLEMENTATION FOR COST REDUCTION IN MANUFACTURING PROCESS PRODUCT "DRIVER CONTROL BOARD"		
Beata Mrugalska, Anna Akielaszek-Witczak and Ralf Stetter	ROBUST QUALITY CONTROL OF PRODUCTS WITH EXPERIMENTAL DESIGN		
Mihail Aurel Titu, Constantin Oprean, Andreea Simina Raulea and Ana Branza	THE ROLE OF INTANGIBLE ASSETS IN THE KNOWLEDGE BASED ECONOMY		
Ilknur Cavusoglu and M. Numan Durakbasa	THE QUALITY IMPROVEMENT PROCESS THROUGH APPLICATION OF MULTI-VARI CHART IN AN AUTOMOTIVE SUPPLIER		
Anca Draghici, Larisa Ivascu, Ioana Harpan, Zoltan Farkas and Gabriela Fistic	WEB PLATFORM FOR THE OCCUPATIONAL RISK EVALUATION		
Marieta Olaru, Ionela Carmen Pirnea, Viorica Serban and Mircea Sandru	EFFECTS OF SMEs INVOLVEMENT IN SOCIAL RESPONSIBILITY ACTIONS ON BUSINESS PERFORMANCE		
Wojciech Płowucha and Władysław Jakubiec	SYMULATION IN MEASUREMENT UNCERTAINTY EVALUATION		
Berna Dengiz, Mehmet Gulsen and Fatma Pakdil	USING THE SIX SIGMA TO REDESIGN PCB PRODUCTION LINE		
Mirela Panainte-Lehadus, Valentin Nedeff, Emilian Mosnegutu, Gabriel Lazar, Iuliana Caraman, Claudia Tomozei, Dana Chitimus and Narcis Barsan	STUDY REGARDING PUBLIC PERCEPTION ON ENVIRONMENTAL ISSUES RELATING TO ROMANIA	Boticelli	03.07.2014, 15.30-17.30
Cornel Ciupan, Emilia Ciupan and Florin Lungu	ADAPTING YOUR TEACHING OF IP RIGHTS TO THE AUDIENCE		
Radu-Constantin Vlad and David Ciceo	SIMULATION BASED OPTIMISATION OF THE PASSENGER SCREENING PROCESS		
Mircea Fulea, Alina Iliies, Stelian Brad, Emilia Brad, Bogdan Mocan and Mircea Murar	AN INNOVATIVE APPROACH ON PRIORITIZING INTERNAL IMPROVEMENT PROJECTS WITHIN SMEs		

Władysław Jakubiec and Wojciech Płowucha	MODELS FOR UNCERTAINTY EVALUATION OF GEOMETRICAL QUANTITIES		
Andreas Zagos and Stelian Brad	EMPIRICAL STUDY OF THE IMPORTANCE OF BIBLIOMETRIC INDICATORS FOR PATENT PORTFOLIO VALUATION AND PROPOSED NEW INDICATOR		
Jörg Niemann and Claudia Fussenecker	ANALYSIS OF EYE TRACKING USAGE IN DIFFERENT DOMAINS AND POSSIBLE APPLICATIONS IN THE ENGINEERING ENVIRONMENT		
Daniel Vasile Banyai, Dan Opruta, Ioan-Lucian Marcu and Liviu Ioan Vaida	HYDROSTATIC TRANSMISSION FOR LOW POWER WIND TURBINES		
Gabriela Simona Candea, Claudiu Vasile Kifor and Ciprian Candea	CASE BASED REASONING WITHIN FAILURE MODE AND EFFECT ANALYSIS CONTEXT		
Sorin Popescu, Diana Pitic and Mihai Dragomir	CREATIVITY, IDEA MANAGEMENT AND INNOVATION – PREREQUISITES FOR NEW PRODUCT DEVELOPMENT IN A FURNITURE START-UP		
Bogdan Galdau, Doina Pislă, Gabriel Kacso, Dragos Cocorean, Calin Vaida, Bogdan Gherman and Nicolae Plitea	NEW DESIGN OF BR-1: AN INNOVATIVE PARALLEL ROBOT FOR BRACHYTHERAPY	Boticelli	04.07.2014, 10.00-11.00
Bogdan Mocan, Mircea Fulea, Emilia Brad and Stelian Brad	STATE-OF-THE-ART AND PROPOSALS ON REDUCING ENERGY CONSUMPTION IN THE CASE OF INDUSTRIAL ROBOTIC SYSTEMS		
Mihai Steopan, Angela Birlă, Virgil Ispas and Razvan Curta	CONCEPT GENERATION AND SELECTION OF A MANIPULATOR FOR FOOD INDUSTRY		
Mihai Steopan, Norbert Lovasz, Virgil Ispas and Grigore Pop	CONCEPT GENERATION AND MOCKUP OF A BIPEDAL MOBILE PLATFORM		
Ihab Elaff, Ismail Bogrekci and Pinar Demircioglu	MACHINE VISION GUIDANCE USING STEREO IMAGING FOR ROBOTS		
Ismail Bogrekci, Pinar Demircioglu and E. Baris Kayhan	MECHANICAL DESIGN AND FEA ANALYSIS FOR VINEYARD ROBOT		
Adrian Pislă, Calin Liviu Vaida and Doina Pislă	A SYSTEMATIC OVERVIEW OF THE IOS – INSTRUCTOR OPERATION STATION DESIGNED FOR SPACE APPLICATIONS		
Emilia Ciupan and Mihai Ciupan	THERMO-MECHANICAL ANALYSIS OF A MOUNTAIN BIKE DISC BRAKE ROTOR	Boticelli	04.07.2014, 11.30-12.30
Rares Adrian Ghinea, Paul Bere and Calin Neamtu	IMPROVING THE DESIGN OF A WIND TURBINE BLADE		
Claudia Alana Hebedean, Calin Munteanu, Adina Racasan and Claudia Pacurar	HF LOSSES IMPROVEMENT FOR A PLANAR INTEGRATED EMI FILTER		
Claudia Pacurar, Vasile Topa, Adina Racasan, Calin Munteanu, Claudia Hebedean and Dan Rafiroiu	HIGH FREQUENCY 3D MODELING OF SPIRAL INDUCTOR		
Marius Purcar, Alexandru Avram and Calin Munteanu	B-SPLINE SURFACE APPROXIMATION OF TRIANGULATED DATA SET PATCHES		
Iuliu Negrean, Kalman Kacso and Florina Rusu	ENERGIES OF HIGHER ORDER IN ADVANCED DYNAMICS OF MECHANICAL SYSTEMS		
Corina Mihaela Gruescu, Erwin-Christian Lovasz and Valentin Ciupe	OPTICS OPTIMIZATION IN LASER SPOT RADIUS MINIMIZATION		
Adina Roxana Munteanu	THE RISK MANAGEMENT OF ORGANIC PRODUCTS ALONG THE VALUE CHAIN	Bernini	04.07.2014, 14.00-15.00
Andrei Ioan Hohan, Ionela Carmen Pirnea and Gregor Weber	CASE STUDY ON IMPLEMENTING AN INFORMATION SECURITY MANAGEMENT FRAMEWORK IN A GREEN ENERGY PRODUCTION PLANT		
Mircea Sandru, Timo Keppler and Dorin Maier	INTEGRATED INVESTMENT MANAGEMENT STRUCTURE. ASSOCIATED RISKS MITIGATION TOOLS.		
Anca Draghici, Larisa Ivascu, Gabriela Fistis, Ioana Harpan and Zoltan Farkas	A PROPOSED FRAMEWORK FOR THE RISK MANAGEMENT EVALUATION		
Marin Georgiana and Floricea Teodora Bianca	MEASURING AND MANAGING LOGISTICS PERFORMANCE IN RAIL FREIGHT TRANSPORT		
Mihaela Ghenta, Mihaela Maftai and Markus Bodemann	QUALITY PERCEPTIONS IN SOCIAL SERVICES: THE CASE OF RESIDENTIAL CENTRES		
Adrian Pislă and Daniel Roman Crisan	CONSIDERATIONS REGARDING THE PRODUCTLIFECYCLE MANAGEMENT WITHIN THE PROCESS CONTROL SYSTEMS	Boticelli	04.07.2014, 14.00-15.00
Aurelia Marinela Vartolomei, Jörg Niemann and Adrian Pislă	CONSIDERATIONS OVER DEPENDENCES WITHIN THE TECHNOLOGICAL CULTURE AND LIFECYCLE MANAGEMENT		
Dumitran Mihaela, Gavris Ovidiu, Sucala Dorina and Curtean Nicoleta	THE ANALYSIS OF THE SELECTION METHODS OF THE WEIGHTS OF THE DECISION CRITERIA		
Miorita Ungureanu	A MODEL FOR PRODUCT INNOVATION STRATEGY		
Laura Boanta, Alexandra Hadar, Alexandru Marin and Anca-Alexandra Purcarea	IP MANAGEMENT IN UNIVERSITY "POLITEHNICA" OF BUCHAREST		
Yildirim Serdar and Celik Erdal	USAGE OF HUNTITE/HYDROMAGNESITE, BORIC ACID AND ANTIMONY (III) OXIDE AS FLAME RETARDANT MATERIALS IN PAINTS		
Adam Andrei, Jifcu Adrian-Dean, Lacatusu Florin and Pavel Stefan	QUALITY CONTROL USING COMPUTER AIDED SIMULATIONS FOR THIN WALL PLASTIC PARTS	Bernini	04.07.2014, 15.30-17.30
Gavris Ovidiu, Dumitran Mihaela and Curtean Nicoleta	THE REHABILITATION OF ASPHALT ROADS ACCORDING TO THE TYPE OF MATERIAL USED AND TRAFFIC VALUE		
Pavel Stefan, Jifcu Adrian-Dean, Lacatusu Florin and Adam Andrei	IMPROVING AND MODERNIZATION OF LIGHTING FOR DENTAL LABORATORIES – POTTERY ROOM		
Calin Vaida, Bogdan Gherman, Mihai Dragomir, Oana Iamandi and Daniel Banvai	SMART FURNITURE – QUO VADIS		
Paul Bere and Calin Neamtu	DESIGN AND MANUFACTURING METHODOLOGY FOR F1 CAR NOSE		
Radu Comes, Daniela Popescu, Florin Popister, Zsolt Buna and Ionut Badiu	TRACKING METHODS USED IN AUGMENTED REALITY MANUFACTURING		
Ionut Badiu, Daniela Popescu, Amalia Monica Cenusă, Zsolt Buna and Radu Comes	USING CAD SOFTWARE FOR REDUCE THE AMOUNT OF DATA IN CASE OF DIGITAL RESERVATION OF THE CULTURAL HERITAGE		
Zsolt Buna, Daniela Popescu, Florin Popister and Ionut Badiu	REVERSE ENGINEERING METHODS FOR VINTAGE CAR COMPONENTS RE-CONSTRUCTION		
Floricea Teodora Bianca and Marin Georgiana	IMPLICATIONS OF INCREASE RESOURCE CONSUMPTION AS A RESULT OF TECHNOLOGICAL DEVELOPMENT		
Mihai Dragomir, Stefan Bodi, Oana Iamandi and Diana Dragomir	APPLYING SIGMAFLOW SIMULATION SOFTWARE FOR IMPROVING THE QUALITY OF AN R&D PROJECT		
Viorica Serban	PROBLEM SOLVING METHODS AND QUALITY COSTS – A MODEL FOR COSTS DOCUMENTATION	Boticelli	04.07.2014, 15.30-17.30
Numan Durakbasa and Engin Beken	A PROPOSED IMPLEMENTATION PROCESS FOR TOTAL-QUALITY-MANAGEMENT WITH INTEGRATION OF SUSTAINABILITY ELEMENTS OF THE INTERNATIONAL STANDARDS ISO 14001 AND ISO 50001		
Oana Iamandi, Sorin Popescu, Diana Dragomir and Amalia Cenusă	RESEARCH, DEVELOPMENT AND INNOVATION PROJECT RISK MANAGEMENT IN A FURNITURE CLUSTER BASED START-UP COMPANY		
Attila Puskas and Ligia Mihaela Moga	ENVIRONMENTAL IMPACT REDUCTION AND QUALITY CONTROL PRACTICES IN CONSTRUCTION OUTPUT		
Ozgur Ozmen	THE EVALUATION OF EFQM CRITERION WEIGHTS FOR TURKISH LOW-VOLTAGE SWITCHGEAR SECTOR		
Mihaela Ghenta, Roxana Sarbu and Mihai Marinescu	MANAGING QUALITY IN SOCIAL CARE SERVICES		
Carmen A. Vranceanu and Irina Leca	THE "INTERNATIONAL" MANAGER		
Cristina Feniser	INNOVATION DIMENSIONS FROM A MANAGEMENT PERSPECTIVE		
Amalia Cenusă, Sorin Popescu, Diana Dragomir and Calin Drageanu	CRITICAL TO IMPROVE PROCESSES IN A GIVEN STRATEGIC DEVELOPMENT CONTEXT OF AN ORGANIZATION		
Constantin Adrian Liche, Liviu Morar and Emilia Campean	A STUDY ON THE INFLUENCE OF CORPORATE DIVESTITURES ON THE PERFORMANCE OF CORPORATE VENTURES		