Table of contents

Volume 1

Foreword XVII
Members of the International Program Committee XIX
Members of the International Paper Review Panel XXI

1 SELECTED INVITED PAPERS

The economic potential of industrial design engineering 3
Cees J. P. M. de Bont (the Netherlands)

Tracing management scheme changes in automobile development: Case of Nissan 11
Yasuhisa Tsuda (Japan)

Value chain innovation processes and the influence of co-innovation 23
Sicco Santema, co-authored by Wouter Beelaerts van Blokland (the Netherlands)

Computational failure analysis, identification and optimization in virtual design: Accomplishments and research directions 33
Eckart Schnack, Atanas Dimitrov, Slav Dimitro Tom-Alexander Langhoff, Romana Piat, Ralf Meske (Germany)

Industrial design engineering from a business perspective: How to respond to current challenges 47
Hans A. G. de Deugd, co-authored by Ruben Strijk (the Netherlands)

Dynamics of articulated mechanical systems for simulation in virtual environments 57
Doru Talaba, co-authored by Csaba Antonya (Romania)

Advanced methods and tools for screw compressor design 69
Ahmed Kovacevic, co-authored by Nikola Stosic, Ian K. Smith (United Kingdom)

Lessons learned from court cases 83
Jan Spoormaker, co-authored by Anton Heidweiller (the Netherlands)

2 INDUSTRIAL DESIGN ENGINEERING

Methodological aspects of design

Designing competent design engineers 97
Remon Pop-Iliev, Scott Nokleby (Canada)

Bridging the gaps between project plans and reality: The role of overview 105
Tomás Flanagan, Claudia Eckert, René Keller, John Clarkson (United Kingdom)

Information search at the early stage of new product development 117
Julie Hohenegger, Ahmed Bufardi, Paul Xirouchakis (Switzerland)

Processes, methods and tools in product development of multi-scale systems 127
Albert Albers, Norbert Burkardt, Tobias Deigendesch (Germany)

Conceptual design of products

Characteristics of the concept selection problem in conceptual design 137
Ahmed Bufardi, Duck Young Kim, Paul Xirouchakis (Switzerland)

Rapid concept generation and evaluation based on vague discrete interval model and variational analysis 149
Kazuhiro Saitou (USA), Zoltán Rusák, Imre Horváth (the Netherlands)

A decision support method for conceptual design considering product lifecycle factors and resource constraint 159
Jong-Ho Shin, Hong-Bae Jun, Dimitris Kiritsis, Paul Xirouchakis (Switzerland)

Layout of functional modules and routing for preliminary design of automatic teller machines 171
Katsumi Inoue, Tomoya Masuyama, Hayato Osaki, Tokachi Ito (Japan)

Human centered design

Semantic-based environment for aesthetic design 185
Vincent Cheutet (France), Chiara Eva Catalano, Franca Giannini, Marina Monti, Bianca Falcidieno (Italy), Jean-Claude Léon (France)

An introduction on wearable customized electronic products 197
Nicole Eikelenberg, Peter Joore, Sytze Kalisvaart, Lenneke de Voogd-Claessen, Tomas Schietecat (the Netherlands)

How to assure the customer's voice in the product development and design process 209
Rok Tomaževič, Janez Kušar, Tomaž Berlec, Marko Starbek (Slovenia)

Human centered design of a support system for naval reconnaissance 221
Oliver Mooshage, Jörg Schweingruber (Germany)

Industrial design engineering

Real-time measurement of perceptual qualities in conceptual design 231
Michael Bittermann, Özer Ciftcioglu (the Netherlands)

Relating the quality of clay models to performed modeling activities 241
Tjamme Wiegers (the Netherlands)

Surface reconstruction method for reverse engineering based on aesthetic knowledge 251
Maura Mengoni, Ferruccio Mandorli, Michele Germani (Italy)

Shape search and reconstruction

3D shape retrieval based on 2D orthogonal view alignment 263
Jiantao Pu, Karthik Ramani (USA)

Filling holes in meshes for efficient reverse engineering of products 273
Jean-Philippe Pernot, George Moraru, Philippe Véron (France)

Piecewise linear curve reconstruction from point clouds 285
Oscar E. Ruiz, Carlos A. Vanegas (Colombia)

Reverse engineering technique for a human parametric model 299
Valerio Manenti, Stefano Uberti, Daniela Amadori, Emilio Chirone (Italy)

 © Organizing Committee of TMCE 2006, ISBN 961-6536-04-4

Virtual reality environments

Interpretation of hand motions for shape conceptualization in virtual design environments 309
Edit Varga, Zoltán Rusák, Imre Horváth (the Netherlands)

A CAD system based on haptic modeling for conceptual design 323
Monica Bordegoni, Umberto Cugini (Italy)

Analysis of the relevance of the emerging visualization technologies and systems to spatial shape design 335
Opiyo Eliab, Imre Horváth (the Netherlands)

A mixed virtual reality – Haptic approach to carry out ergonomic tests on virtual control boards 349
Giorgio Colombo, Franco De Angelis, Luca Formentini (Italy)

3 COMPETITIVE PRODUCT DEVELOPMENT

Engineering modeling and simulation

A new framework for the definition and recognition of free form features 359
Thomas Langerak, Joris Vergeest (the Netherlands)

Reflections on the implementation of Boolean operations with polyhedral solids 371
Herbert Koelman (the Netherlands)

A simulation-based toolkit for monitoring, evaluation, planning and control of engineering 381
Jenny Coenen, Ubald Nienhuis, Jan Jap Nieuwenhuis (the Netherlands)

Effects of gear teeth support upon tooth-root stress longitudinal distribution 393
Gordana Marunic (Croatia)

Structural design of products

Innovative roof structures for the Yitzhak Rabin Center 401
Mick Eekhout, Ronald Visser (the Netherlands)

A framework for estimating versatility of platforms 411
Chang-Muk Kang, Yoo-Suk Hong (Korea)

Reconfiguration design oriented template technology under mass customization 423
Jiang Jiandong, Xu Fang, Zhang Libin, Zhang Xian, Ji Shiming, Zhao Yingdi (P. R. China)

Optimizing process plant layouts 431
Hanna Köpcke, Ingo Mierswa (Germany)

Probabilities in engineering design

Fault classifier design for hydraulic cylinder drive using mathematical fault models 443
Ville Vidqvist (Finland)

Study of the reliability of a real time embedded system of a 6 DoF hydraulic excavator 457
Elie Kafrouni, Hervé Coppier, Jorge Roman Fernandez (France)

Methodology for evaluating design capability by use of limits modeling 467
Jason Matthews, Baljinder Singh, Glen Mullineux, Tony Medland (United Kingdom)

Prediction of creep deformation of an air inlet 477
Jan Spoormaker (the Netherlands), Ihor Skrypnyk (USA), Anton Heidweiller (the Netherlands)

Collaborative product development

COSMOS: Collaborative optimization strategy for multi-objective systems 487
Sébastien Rabeau, Philippe Dépincé, Fouad Bennis (France)

Function to feature mapping using ontologies for interoperability in cooperative product development 501
Denis Pallez, Christel Dartigues (France)

Distributed modeling of networked manufacturing systems 511
Viktor Zaletelj, Peter Butala, Alojz Sluga (Slovenia)

Support of rapid prototyping

Treatise of technologies for interactive augmented prototyping 523
Jouke Verlinden, Imre Horváth, Edwin Edelenbos (the Netherlands)

Optimal layout of slices for ultrasonic consolidation 537
Manuel M. Schwager, Julien Galli, Georges M. Fadel (USA)

Curve selection based on strain energy level and improved shape representation for flexible blade cutting technology 549
Johan Broek, Adrie Kooijman, Bram de Smit (the Netherlands)

Using redundant information to improve model accuracy in STL files by embedded Coons patches 559
Guillaume van Niekerk, Elizabeth Marie Ehlers (South Africa)

Shape optimization techniques

Shape optimization of parts in dynamic mechanical systems regarding fatigue 569
Pascal Häußler, Albert Albers (Germany)

Product design using contact optimization technique 581
István Páczelt, Attila Baksa, Tamás Szabó (Hungary)

Optimisation of a bow riser using the autogenetic design theory 593
Sándor Vajna, Jürgen Edelmann-Nusser, Konstantin Kittel, André Jordan (Germany)

Parametric CAD modelling for shape optimization 603
Djordje Brujic, Mihailo Ristic (United Kingdom), Massimiliano Mattone, Paolo Maggiore, Gian Paolo De Poli (Italy)

 © Organizing Committee of TMCE 2006, ISBN 961-6536-04-4

Volume 2

4 COMPETITIVE PRODUCT REALIZATION

Product knowledge modeling

A survey of artifact-simulation approaches from the perspective of application to use processes of consumer durables 617
Wilhelm Frederik van der Vegte (the Netherlands)

Knowledge management: Inhibitors and facilitators in today's work place 633
James A. Sena (USA)

Design projects' repository – A tool for design process guiding, knowledge capturing and reusing 643
Neven Pavkovič, Igor Klarič, Mario Štorga (Croatia)

The benefits of shifting efforts from design to definition phase when developing embedded software 655
Marjan Jenko (Slovenia)

Product realization processes

Evaluation of design methodologies for sustainable product development 669
Mario Fargnoli, Fumihiko Kimura (Japan)

Generic and specific process models: Lessons from modelling the knitwear design process 681
Claudia Eckert (United Kingdom)

Protocol analysis for computer-aided design: A model of design activities 693
Gilbert Kuate, Denis Choulier, Samuel Deniaud, Ferney Michel (France)

Genetic algorithm for single and multiple resource constrained project scheduling 705
Mohamed A. Shouman, Mohamed S. Ibrahim, Mahasen Khater, Ahmed A. Ekfrgany (Egypt)

Automotive problems of engineering

Entering the community of practice of automotive design 715
Michael Tovey, John Owen (United Kingdom)

Design of sheet metal products studied from manufacturing point of view 725
Gašper Gantar, Karl Kuzman (Slovenia)

Optimisation of the combustion chamber of direct injection diesel engine using multi-objective genetic algorithm 735
Peter Tibout, Victor Marohnič (Austria)

A new concept to simulate the impact of collision of pedestrians and vehicles with vague discrete interval modeling 745
Zoltán Rusák, Imre Horváth (the Netherlands)

Material problems of engineering

Design and engineering review of corrosion issues of reinforcing steel 757
Charalampos Alk. Apostolopoulos Dimosthenis Michalopoulos (Greece)

Cavity pressure estimation for a piston moulding life cycle cost model 767
Charl L. Goussard, Anton H. Basson (South Africa)

Minimizing thicknesses of injection molded plastic parts based on Moldflow simulation 775
Yimin Deng (P. R. China)

Advanced manufacturing technologies

A method of choosing an optimal tool-path in free form surface machining 785
Marjan Korosec, Janez Kopac (Slovenia)

Decision supporting of production planning and control (PPC)
by means of rate-type state variables 797
Tibor Tóth, Ferenc Erdélyi (Hungary)

Study on tool wear and tool life based on time series method 813
Zheng Di, Zhou Rong, Pan Xiaobin, Deng Yimin (P. R. China)

Intelligent determination of total manufacturing costs in tool manufacturing 823
Mirko Ficko, Jože Balič, Boštjan Vaupotič (Slovenia)

Specific problems of engineering

Fabric standards for cut resistant clothing in short track speed skating 833
David den Braver, Klaas van der Werff (the Netherlands)

Integrated approach for noise reduction on vacuum motors 841
Jože Tavčar, Andrej Biček (Slovenia)

Research of the reverse screw transmission 851
*Jiang Jiandong, Liang XiChang, Zheng XiaoGuang, Wang GuangJian,
Zhang Libin, Ji Shiming (P. R. China)*

Modelling machine-material interaction for the improved design of packaging machinery 861
Ben Hicks, Dan Sirkett, Tony Medland, Glen Mullineux (United Kingdom)

5 OPERATION IN VIRTUAL ENTERPRISES

Virtual enterprise operation

Organisation of development and manufacturing of new product in a virtual enterprise 875
Aleš Brezovar, Tomaž Berlec, Janez Kušar, Marko Starbek (Slovenia)

Collaboration across the extended enterprise: Barrier or opportunity to develop
your knowledge assets? 891
Florence Sellini, Joseph Cloonan, Elizabeth Carver, Patrick Williams (United Kingdom)

Core competence for in- and outsourcing considering long-term survivability 901
Kenta Banh (Sweden)

Specialized search engines for the extended manufacturing enterprise 911
Ockmer L. Oosthuizen, Elizabeth M. Ehlers (South-Africa)

Internet based technologies

Improving document accessibility through ontology-based information sharing 923
Sanghee Kim, Saeema Ahmed, Ken Wallace (United Kingdom)

Methods for quality management of digital product models 935
Michael Abramovici, Alexander Stekolschik (Germany)

Power quest, an on-line software tool to find mobile product-energy system matches 947
Pim van Gennip, Sioe Yao Kan, Sacha Silvester, Bas Flipsen (the Netherlands)

An implementation of resource negotiating agents in telemanufacturing 961
Terence L. van Zyl, Emil Marais, Elizabeth M. Ehlers (South Africa)

 © Organizing Committee of TMCE 2006, ISBN 961-6536-04-4

Approaches to product innovation

TRIZ-based systematic product innovation through capturing and structuring elemental conflicts 973
Hajime Mizuyama (Japan)

Structured innovation through the management of intellectual property: Case study of a small Welsh manufacturer 985
Chris Bolger, Huw Millward, Julie Stephens, Richard Rimington (United Kingdom)

Stop managing, start innovating! How innovation management kills creativity 997
Mariëlle van Dijk, Arjen Jansen, Christine De Lille (the Netherlands)

Innovation tool box – a guideline providing systematic support for small and medium sized enterprises 1009
Stefan Vorbach, Elke Perl (Austria)

Advanced engineering education

Competence related education of engineers 1021
Peter A. M. van Kollenburg, Reinder M. Bakker (the Netherlands)

Pedagogics and didactics for engineering design education 1029
W. Ernst Eder (Canada)

An alternative approach to design education - New technology in stage design development 1045
Margaret-Catherine Perivoliotis-Chryssovergis (Greece)

Packaging and environmental aspects

Improving the design of forming shoulders 1059
Glen Mullineux, Colin J. McPherson, Ben J. Hicks, Christian Berry, Anthony J. Medland, (United Kingdom)

Conceptual disassembly model in design for recycling approach 1071
Nizar Haoues, Daniel Froelich (France)

Logistics integrated production scheduling of assembly-tamponing-packaging units for mechanical products 1081
József Cselényi, Tibor Tóth, György Kovács, Richárd Bálint, Ferenc Mészáros (Hungary)

Design and development for the complete product life cycle 1091
Stefan Schmidt (Germany)

Competitive company operation

Development of an enterprise-individual role-model for increase of process-efficiency within a PLM-strategy 1105
Jörg Feldhusen, Boris Gebhardt, Nils Macke, Erwin-Zahari Nurcahya (Germany)

How small and medium-sized companies can find new product opportunities 1117
Janez Benedičič, Roman Žavbi, Jože Duhovnik (Slovenia)

Implementation of cellular manufacturing: A value-adding framework for practitioners 1127
Kym Fraser, Howard Harris, Lee Luong (Australia)

Development of a performance measurement system for a SME's PDMs-capability 1141
Jörg Feldhusen, Boris Gebhardt, Erwin-Zahari Nurcahya, Frederik Bungert (Germany)

A new kind of course at the Politecnico di Milano 1155
Francesco Rosa, Edoardo Rovida (Italy)

Simulation model for improving performance of product development projects 1157
Henk Jan Pels, Remco Helms (the Netherlands)

Measuring organizational innovation: A study on the electronic and electrical industry in the Greater Pearl river delta (GPRD) in China 1159
Shui Yee Wong, Kwai Sang (Hong Kong)

Shape recovery with local feature sensitivity 1161
Leon Kos, Ivan Demšar, Jože Duhovnik (Slovenia)

Some heuristic rules for scheduling single and multiple resources constrained projects 1163
Mohamed A. Shouman, Mohamed S. Ibrahim, Mahasen Khater, Ahmed A. Ekfrgany (Egypt)

Function and budget based system architecting 1165
G. Maarten Bonnema (the Netherlands)

Tele-sworm – A tele-manufacturing semantic web object recognition model 1167
Ursula Minnaar, Elizabeth M. Ehlers (South Africa)

Adequacy of classical standardized methods for suspension components carrying capacity 1169
Ivan Okorn, Tomaž Bešter, Matija Fajdiga (Slovenia)

Prediction of 3D landmarks based on demography information to support human centered product design 1171
Bing Zhang, Imre Horváth (the Netherlands)

Acquisition of an enterprise manufacturing intelligence system 1173
Fatemeh Ghotb, Ebrahim Shayan, Nagendra Karigiri Gurugopal (Australia)

Product knowledge management 1175
Mikel Sorli (Spain), Dragan Stokic (Germany), Namkyu Park (USA), Álvaro Gorostiza, Santiago García-Alonso (Spain)

Environmental benchmarking in the electronics industry: Integration in business processes for design improvement 1177
Frouke van den Berg, Casper Boks, Jaco Huisman, Ab Stevels (the Netherlands)

Study of a microcar for on-wheelchair drivers 1179
Devid Gandini, Marco Gadola, Stefano Uberti, Gabriele Baronio (Italy)

Prevention of littering through packaging design: A support tool for concept generation 1181
Renee Wever, Niels Gutter, Sacha Silvester (the Netherlands)

From how to what to why 1183
Shuichi Fukuda (Japan)

Flexible and mobile production - Demonstrator for small series production modules 1185
Andréas Ask (Sweden)

Designing suspension system for motorcycle engine with hybrid reasoning 1187
Xuejun Sun, Yulin He, Jing Du, Jiandong Jiang, Libin Zhang (P. R. China)

Archives of principles and constructive solutions in engineering design 1189
Edoardo Rovida, Francesco Rosa (Italy)

The model evaluations of product properties in the conceptual phase 1191
Željko Ivandič, Milan Kljajin, (Croatia), Jože Duhovnik (Slovenia)

Intelligent personal assistant as source of design rationale information 1193
Jerzy Pokojski (Poland)

 © Organizing Committee of TMCE 2006, ISBN 961-6536-04-4

Integron and innovation algorithm of the cereal grain grinder construction 1195
Józef Flizikowski, Wojciech Bienaiszewski, Marek Macko (Poland)

Design for small agricultural machinery based on reconfigurable functional modules under MC 1197
Zhang Libin, Jiang Jiandong, Xu Fang, Zhao Yingdi, Zhang Xian, Ji Shiming (P. R. China)

On the problem of putting additional values to products 1199
Hisataka Noguchi (Japan)

Knowledge driven continuous software aided innovation process for SME's 1201
Thomas Staltner, Harald Huemer, Stefan Vorbach, Elke Perl (Austria)

Surface reconstruction from point clouds for prosthesis production 1203
Nikola Vukašinovič, Tomaž Kolšek, Jože Duhovnik (Slovenia)

Logistics integrated optimisation of cooperative assembly system with distribution warehouse 1205
Béla Oláh, Tamás Bányai, József Cselényi (Hungary)

A concept for supplying engineering design with context-sensitive knowledge 1207
Jörg Feldhusen, Frederik Bungert, Nils Macke, Boris Gebhardt, Erwin-Zahari Nurcahya (Germany)

An adaptive fractional pi$^{\lambda}$d$^{\mu}$ controller 1209
Samir Ladaci, Abdelfatah Charef (Algeria)

Bulk packaging for consumer electronics products as a strategy for eco-efficient transportation 1211
Renee Wever, Casper Boks, Ab Stevels (the Netherlands)

A KBE practical study to automate the dimensioning and drafting of mechanical welds 1213
Fabio Panetta, Roberto Viganò, Matteo Pulli (Italy)

A computer supported method for the description and evaluation of modular mechatronic design concepts 1215
Peter Hehenberger, Klaus Zeman (Austria)

Optimization of purchasing system in specially consideration of capacity limit of suppliers 1217
Mónika Nagy, Ágota Bányai, József Cselényi (Hungary)

Embodiment design in product development 1219
Lau Langeveld (the Netherlands)

Class structure and student learning in a design process subject 1221
Erik Bohemia, Stephen Clune (Australia)

Managing business processes through collaborative workflow systems 1223
Richard Brown (USA), Robert Widell (Sweden)

Proposal of supporting tools for environmentally conscious nano technology from the point of view of ecodesign 1225
Kazuhiro Sakita, Tatsuo Mori (Japan)

Effect of material properties on SALM process part strength 1227
Ajantha Egodawatta, David Harrison, Anjali De Silva, George Haritos (United Kingdom)

Finding, controlling or characterizing ideas: Which priority for the enterprise? 1229
Jorge Maya (France)

Increasing the efficiency of product development processes with automated simultaneous engineering (ASE) 1231
Jörg Feldhusen, Nils Macke, Frederik Bungert (Germany)

Classification of design situations to support reuse of geometric information 1233
Sascha Opletal, Dieter Roller (Germany)

Proposal of a service design process model based on service engineering 1235
Yoshiki Shimomura (Japan), Tomohiko Sakao (Germany), Luigia Petti, Andrea Raggi (Italy)

Design integration for screw compressors 1237
Ahmed Kovacevic, Nikola Stosic, Elvedin Mujic, Ian K. Smith (United Kingdom)

Course of programmable logic control (PLC) in distance learning 1239
Joaquin Ros Florenza (ES)

The importance of a focused front-end in the rapid product development process 1241
Jon Irlam, Richard Bibb, Julie Stephens, Bill Thorne (United Kingdom)

Mathematical description of quality assurance logistics 1243
Béla Illés (Hungary)

TRIZ, module management and DSM: A case study in the household appliances field 1245
Daniele Regazzoni, Caterina Rizzi, Pierluigi Petrali (Italy)

CAD and FEA integration in a simulation data management environment based on a knowledge based system, 1247
Sébastien Charles, Guillaume Ducellier, Benoît Eynard (France)

Context dependent knowledge structuring for building advanced digital models of the human body 1249
Niels. C.C.M. Moes (the Netherlands)

A visual-based methodology for capturing technical memory in a learning organization 1251
Brian Prasad (USA), Jože Duhovnik (SI)

Identifying new possibilities for shell forming technologies 1253
Bram de Smit, Imre Horváth (the Netherlands)

7 INDEX

Author index 1255

 © Organizing Committee of TMCE 2006, ISBN 961-6536-04-4

Author index

Abramovici, Michael 935
Ahmed, Saeema 923
Albers, Albert 127, 571
Amadori, Daniela 299
Antonya, Csaba 57
Apostolopoulos, Charalampos Alk. 757
Ask, Andréas 1185

Bálint, Richárd 1081
Bányai, Tamás 1205
Bányai, Ágota 1217
Bakker, Reinder M. 1021
Baksa, Attila 581
Balić, Jože 823
Banh, Kenta 901
Baronio, Gabriele 1179
Basson, Anton H. 767
Bešter, Tomaž 1169
Benedičič, Janez 1117
Bennis, Fouad 487
Berlec, Tomaž 209, 875
Berry, Christan 1059
Biček, Andrej 841
Bibb, Richard 1241
Bieniaszewski, Wojciech 1195
Bittermann, Michael 231
Bohemia, Erik 1221
Boks, Casper 1177, 1211
Bolger, Chris 985
Bordegoni, Monica 323
Brezovar, Aleš 875
Broek, Johan 549
Brown, Richard 1223
Brujic, Djordje 603
Bufardi, Ahmed 117, 137
Bungert, Frederik 1141, 1207, 1231
Burkardt, Norbert 127
Butala, Peter 511

Carver, Elizabeth 891
Charef, Abdelfatah 1209
Charles, Sébastien 1247
Cheutet, Vincent 185
Chirone, Emilio 299
Choulier, Denis 693
Ciftcioglu, Özer 231
Clarkson, John 105
Cloonan, Joseph 891
Clune, Stephen 1221
Coenen, Jenny 381
Colombo, Giorgio 349
Coppier, Hervé 457
Cselényi, József 1081, 1205, 1217
Cugini, Umberto 323

Dépincé, Philippe 487
Dartigues, Christel 501
de Angelis, Franco 349
de Bont, Cees J. P. M. 3
de Deugd, Hans A. G. 47
de Lille, Christine 997
De Silva, Anjali 1225
de Smit, Bram 549, 1253
de Voogd – Claessen, Lenneke 197
Deigendesch, Tobias 127
Demšar, Ivan 1161
den Braver , David 833
Deniaud, Samuel 693
Di, Zheng 813
Dimitrov, Atanas 33
Dimitrov, Slav 33
Du, Jing 1187
Ducellier, Guillaume 1247
Duhovnik, Jože 1117, 1161, 1191, 1203, 1251

Eckert, Claudia 105, 681
Edelenbos, Edwin 523
Edelmann-Nusser, Jürgen 593
Eder, W. Ernst 1029
Eekhout, Mick 401
Egodawatta, Ajantha 1227
Ehlers, Elizabeth M. 559, 911, 961, 1167
Eikelenberg, Nicole 197
Elfrgany, Mohamed 1163
Erdélyi, Ferenc 797
Eva Catalano, Chiara 185
Eynard, Benoit 1247

Fadel, George M. 537
Fajdiga, Matija 1169
Falcidieno, Bianca 185
Fang, Xu 423, 849, 1197
Fargnoli, Mario 667
Feldhusen, Jörg 1105, 1141, 1207, 1231
Ficko, Mirko 823
Flanagan, Tomás 105
Flipsen, Bas 947
Flizikowski, Józef 1195
Formentini, Luca 349
Fraser, Kym 1127
Froelich, Daniel 1071
Fukuda, Shuichi 1183

Gadola, Marco 1179
Galli, Julien 537
Gandini, Devid 1179
Gantar, Gašper 725
García-Alonso, Santiago 1175
Gebhardt, Boris 1105, 1141, 1207
Germani, Michele 251
Ghotb, Fatemeh 1173
Giannini, Franca 185
Gorostiza, Álvaro 1175
Goussard, Charl L. 767
GuangJian, Wang 851
Gurugopal, Nagendra Karigiri 1173
Gutter, Niels 1181

Häußler, Pascal 569
Haoues, Nizar 1071
Haritos, George 1227
Harris, Howard 1127
Harrison, David 1227
He, Yulin 1187
Hehenberger, Peter 1215
Heidweiller, Anton 83, 477
Helms, Remko 1157
Hicks, Ben J. 1059
Hicks, Ben 861
Hohenegger, Julie 117
Hong, Yoo-Suk 411
Horváth, Imre 149, 309, 335, 523, 745, 1171, 1253
Huemer, Harald 1201
Huisman, Jaco 1177

Ibrahim, Mohamed S. 1163
Illés, Béla 1243
Inoue , Katsumi 171
Irlam, Jon 1241
Ito, Tokachi 171

Ivandić, Željko 1191

Jansen, Arjen 997
Jenko, Marjan 655
Jiandong, Jiang 423, 851, 1197
Jiang, Jiandong 1187
Joore, Peter 197
Jordan, André 593
Jun, Hong-Bae 159

Köpcke, Hanna 431
Kafrouni, Elie 457
Kalisvaart, Sytze 197
Kang, Chang-Muk 411
Keller, René 105
Khater, Mahasen 1163
Kim, Duck Young 137
Kim, Sanghee 923
Kimura, Fumihiko 669
Kiritsis, Dimitris 159
Kittel, Konstantin 593
Klarić, Igor 643
Kljajin, Milan 1191
Koelman, Herbert J. 371
Kolšek, Tomaž 1203
Kooijman, Adrie 549
Kopač, Janez 785
Korošec, Marjan 785
Kos, Leon 1161
Kovács, György 1081
Kovacevic, Ahmed 69, 1237
Kušar, Janez 209, 875
Kuate, Gilbert 693
Kuzman, Karl 725

Léon, Jean-Claude 185
Ladaci, Samir 1209
Langerak, Thomas R. 359
Langeveld, Lau 1219
Langhoff, Tom Alexander 33
Libin, Zhang 423, 851, 1197
Luong, Lee 1127

Mészáros, Ferenc 1081
Maarten Bonnema, G. 1165
Macke, Nils 1105, 1207, 1231
Macko, Marek 1195
Maggiore, Paolo 603
Mahasen, Khater 705
Mandorli, Ferruccio 251
Manenti, Valerio 299
Marais, Emil 961
Marohnić, Viktor 735

 © Organizing Committee of TMCE 2006, ISBN 961-6536-04-4

Marunić, Gordana 395
Masuyama, Tomoya 171
Matthews, Jason 467
Mattone, Massimiliano 603
Maya, Jorge 1229
McPherson, Colin J. 1059
Medland, Anthony J. 467, 861, 1059
Mengoni, Maura 251
Meske, Ralf 33
Michalopoulos, Dimosthenis 757
Michel, Ferney 693
Mierswa, Ingo 431
Millward, Huw 985
Minnaar, Ursula 1167
Mizuyama, Hajime 973
Moes, Niels C. C. M. 1249
Mohamed, Elfrgany 705
Mohamed, Ibrahim 705
Mohamed, Shouman 705
Monti, Marina 185
Mooshage, Oliver 221
Moraru, George 273
Mori, Tatsuo 1225
Mujic, Elvedin 1237
Mullineux, Glen 467, 861, 1059

Nagy, Mónika 1217
Nienhuis, Ubald 381
Nieuwenhuis, Jan Jaap 381
Noguchi, Hisataka 1199
Nokleby, Scott 97
Nurcahya, Erwin-Zahari 1105, 1141, 1207

Okorn, Ivan 1169
Oláh, Béla 1205
Oosthuizen, Ockmer L. 911
Opiyo, Eliab Z. 335
Opletal, Sascha 1233
Osaki, Hayato 171
Owen, John 715

Páczelt, István 581
Pallez, Denis 501
Panetta, Fabio 1213
Paolo De Poli, Gian 603
Park, Namkyu 1175
Pavković, Neven 641
Pels, Henk Jan 1157
Perivoliotis-Chryssovergis , Margaret-Catherine 1045
Perl, Elke 1007, 1201
Pernot, Jean-Philippe 273
Petrali, Pierluigi 1245
Petti, Luigia 1235
Piat, Romana 33
Pokojski, Jerzy 1193
Pop-Iliev, Remon 97
Prasad, Biren 1251
Pu, Jiantao 263
Pulli, Matteo 1213

Rabeau, Sébastien 487
Raggi, Andrea 1235
Ramani, Karthik 263
Regazzoni, Daniele 1245
Rimington, Richard 985
Ristic, Mihailo 603
Rizzi, Caterina 1245
Roller, Dieter 1233
Roman Fernandez, Jorge 457
Rong, Zhou 813
Ros Florenza, Joaquin 1239
Rosa, Francesco 1155, 1189
Rovida, Edoardo 1155, 1189
Ruiz, Oscar E. 285
Rusák, Zoltán 149, 309, 745

Saitou, Kazuhiro 149
Sakao, Tomohiko 1235
Sakita, Kazuhiro 1225
Sang Chin, Kwai 1159
Santema, Sicco 23
Schietecat, Tomas 197
Schmidt, Stefan 1091
Schnack, Eckart 33
Schwager, Manuel M. 537
Schweingruber, Jörg 221
Sellini, Florence 891
Sena, James A. 633
Shayan, Ebrahim 1173
Shiming, Ji 423, 851
Shimomura, Yoshiki 1235
Shin, Jong-Ho 159
Shouman, Mohamed A. 1163
Silvester, Sacha 947, 1181
Singh, Baljinder 467
Sirkett, Daniel 861
Skrypnyk, Ihor 477
Sluga, Alojz 511
Smith, Ian K. 69, 1237
Sorli, Mikel 1175
Spoormaker, Jan 83, 477
Staltner, Thomas 1201
Starbek, Marko 209, 875
Stekolschik, Alexander 935
Stephens, Julie 985, 1241

Stevels, Ab 1177, 1211
Stokic, Dragan 1175
Stosic, Nikola 69, 1237
Strijk, Ruben 47
Sun, Xuejun 1187
Szabó, Tamás 581

Štorga, Mario 643

Tóth, Tibor 797, 1081
Talaba, Doru 57
Tavčar, Jože 841
Thorne, William 1241
Tibaut, Peter 735
Tomažević, Rok 209
Tovey, Michael 715
Tsuda, Yasuhisa 11

Uberti, Stefano 299, 1179

Véron, Philippe 273
Vajna, Sándor 593
van Blokland, Wouter Beelaerts 23
van Dijk, Mariëlle 997
van Gennip, Pim 947
van Kollenburg, Peter A. M. 1021
van Niekerk, Guillaume Jacobus 559
van Zyl, Terence L. 961
van den Berg, Frouke 1177
van der Vegte, Wilhelm Frederik 617
van der Werff, Klaas 833
Vanegas, Carlos A. 285
Varga, Edit 309
Vaupotić, Boštjan 823
Vergeest, Joris S. M. 359
Verlinden, Jouke 523
Vidqvist, Ville 443
Viganò, Roberto 1213
Visser, Ronald 401
Vorbach, Stefan 1009, 1201
Vukašinović , Nikola 1203

Wallace, Ken 923
Wever, Renee 1181, 1211
Widell, Robert 1223
Wiegers, Tjamme 241
Williams, Patrick 891

XiChang, Liang 851
Xian, Ji Shiming, Zhang 1197
Xian, Zhang 423
Xiaobin, Pan 813
Xirouchakis, Paul 117, 137, 159

Yao Kan, Sioe 947
Yee Wong, Shui 1159
Yimin, Deng 775, 813
Yingdi, Zhao 423, 1197

Zaletelj, Viktor 511
Zeman, Klaus 1215
Zhang, Bing 1171
Zhang, Libin 1187

Žavbi, Roman 1117

 © Organizing Committee of TMCE 2006, ISBN 961-6536-04-4