

Keynote Speeches

- KS05-01: Koichi Ootomi and Masanori Ozawa, "Innovative Process and Information Technology for Electromechanical Product Development", Corporate Research and Development Center, Toshiba Corporation, Kawasaki, Japan [KS05_01.doc]
KS05-02: WB Lee, "Dispersed Network Manufacturing: A Hong Kong Perspective", The Hong Kong Polytechnic University, Hong Kong, China [KS05_02.doc]
KS06-01: You-Bai Xie, "On the Basis of Conceptual Design: Resources for Acquiring New Knowledge", Xi'an Jiaotong University, Xi'an, China [KS06_01.doc]

Invited Speeches

- IS03-01: G.Q. Huang and M.L. Mak, "Enterprise 'Portalets' for Collaborative Product Commerce", The University of Hong Kong, Pokfulam Road, Hong Kong, China [IS03_01.doc]
IS03-02: Wang Jian, Sun Linyan, Cao Debi*, and Mhammad D.Abdulrahman, "Studies on the Classification and Integration of Advanced Manufacturing Modes", Xi'an Jiaotong University, Xi'an, China; *Tokyo Institute of Technology, Tokyo, Japan [IS03_02.doc]
IS04-01: Yu Hanbin and Zhu Yunlong, "E-Manufacturing Strategies and Collaborative Manufacturing", Shenyang Institute of Automation, Chinese Academy of Sciences, Shenyang, China [IS04_01.doc]
IS04-02: Kai Cheng, "Internet as a tool with application to e-manufacturing", Leeds Metropolitan University, Leeds, UK
IS04-03: Frank Dignum, "E-Commerce in Production: Some Experiences", Utrecht University, Netherlands [IS04_03.doc]
IS05-01: Han Ding, "IP sensor and system integration for E-maintenance", The Huazhong University of Science & Technology, Wuhan, China [IS05_01.doc]
IS05-02: Victor V. Pavlov, "About Computer Modeling of Conceptual Designing", Moscow University of Technology, Moscow, Russia [IS05_02.doc]
IS06-01: Daizhong Su, "Development of Network Supported Collaboration for Design and Manufacture", The Nottingham Trent University, Nottingham, UK [IS06_01.doc]
IS07-01: Tetsuo Tomiyama, "The Science of Synthesis Program", The University of Tokyo, Japan
IS07-02: H. Grabowski, R.S.Lossack, M. Gebauer, and O. Hornberg, "Distributed Knowledge Management: New Challenges for Global Engineering and Product Creation (Experiences from Chinese-European Collaborations)", University of Karlsruhe (TH), Karlsruhe, Germany [IS07_02.doc]

Topic 1: Fundamental Issues for eCE

- RID01-03: Hu Tao, Zhang Shensheng, and Li Biao, "Signing Contract in the Internet by XML and Digital Signature", Shanghai Jiaotong University, Shanghai, China [RID01_03.doc]
RID01-04: Ran Zhang, Depei Qian, Zhongzhi Luan, and Xingjun Zhang, "Research on the Security in e-Commerce", Xi'an Jiaotong University, Xi'an, China [RID01_04.doc]
RID01-07: Guo Yunhua, Chen Xiyang, and Chen Dingfang, "Research on Distributed Web-based Smart Card Application" , Wuhan University of Technology, Wuhan, China [RID01_07.doc]
RID01-08: Liu Jinpeng, Chen Xiyang, and Chen Dingfang , "The Concept and Implement of Smart Card in Security e-Commerce" , Wuhan University of Technology, Wuhan, China [RID01_08.doc]
RID01-09: Baizhou Shi, Junhua Liu, Xiangyang Zhao, Maotong Li*, Xiaoyan Yan, and Haiying Dong, "The e-Commerce Model and Practice of China Central Market", Xi'an Jiaotong University, Xi'an, China; *Henan Electronic Commerce Company, China [RID01_09.doc]
RID01-11: Zhiping An, Deyun Zhang, and Weina Liu, "Real-Time OS for High Speed Router", Xi'an Jiaotong University, Xi'an, China [RID01_11.doc]
RID01-12: Benjamin P.-C. Yen and Ke Fu, "Accessibility on Web Navigation", The Hong Kong University of Science and Technology, Hong Kong, China [RID01_12.doc]
RID01-13: Wu Zhan, Zhang Deyun, and Li Guoli, "Using Enhanced Shamir Encryption Algorithm in Authentication of EC", Xi'an Jiaotong University, Xi'an, China [RID01_13.doc]

- RID01-14: Xia Shixiong and Chang Zheng, "Issuing Multi-media Information on Internet Using Jasmine", China University of Mining & Technology, Xuzhou, China [RID01_14.doc]
- RID01-16: S. Tang, W. Lu, and F. Maris, "Optimisation of Interactive Web Data Access", University of North London, London, UK [RID01_16.doc]
- RID01-17: Zhu Zhijun, Li Chunqing, and Zhang Yingfeng, "The Vehicle Routing Model of Logistics on e-Commerce", Xi'an Jiaotong University, Xi'an, China [RID01_17.doc]
- RID01-18: Jin-Sheng Zhang, Wen Xu, and Ai Ke, "Architecture of XML-based Data Warehouse System", Tsinghua University, Beijing, China [RID01_18.doc]
- RID01-19: Mang-tang Chan and Lam-for Kwok , "Design Experience of a Java Based Software Development Process for Secured e-Commerce Systems", City University of Hong Kong, Hong Kong, China [RID01_19.doc]
- RID01-20: Shenglei Li, Weibin Zheng, Ping Qiu, and Deyun Zhang, "Design of Secure Router for e-Commerce", Xi'an Jiaotong University, Xi'an, China [RID01_20.doc]
- RID01-21: Nie Junlan, Wang Yongbin*, and Zhang Ji**, "The Development of China Bearing e-Commerce Platform and R&D on Its Firewall", Hebei University of Technology, Tianjin, China; *Beijing Broadcasting Institute, Beijing, China; **Beijing UNISUN NetInfo Tech. Co., LTD., Beijing, China [RID01_21.doc]
- RID01-22: LI Xiaoguang, He Xin, and Shen Lianguan, "An Office Automation System Based on Web DNA", University of Science and Technology of China, Hefei, China [RID01_22.doc]
- RID01-24: Meng Bo, "Research e-Business Based on XML", Wuhan Technology University, Wuhan, China [RID01_24.doc]
- RID01-27: Yang Hongye, Zhang Yue, and Lv Fang, "The Status QUO and Prospect of Communication Schemes in AMR", Tsinghua University, Beijing, China [RID01_27.doc]
- RID01-29: Zhen Cheng, Zhang Yue, and Liang Jin-Qian, "Design and Implementation of File System with Real-time Data Compression ", Tsinghua University, Beijing, China [RID01_29.doc]

Topic 2: Computing Infrastructure for eCE

- RID02-02: Li Guoli, Li Zengzhi, Chen Chunxi, and Wu Zhan, "Using DCOM to Support Web-based eCommerce System" , Xi'an Jiaotong University, Xi'an, China [RID02_02.doc]
- RID02-03: Chunxi Chen, Zengzhi Li, Ruifang Ma, Guoli Li, and Feng Chen*, "Security in Electronic Commerce Systems Based on CORBA", Xi'an Jiaotong University, Xi'an, China; *NorthWest University, Xi'an, China [RID02_03.doc]
- RID02-04: Pang Yan and Renzhong Tang, "The Cooperation of XML and CORBA——the Impetus to Next Wave of EC", Zhejiang University, Zhejiang, China [RID02_04.doc]
- RID02-05: Yin Zhaolin, Yin Ming, Zhu Changzheng, Zhao Yanhong, and Li Xiaobin, "The CORBA-based DPE Platform for Active Network Nodes", China University of Mining and Technology, Xuzhou, China [RID02_05.doc]
- RID02-06: Hua zhou, Jiangjun Yang, and Jiati Deng, "Using Agent-oriented Methodologies to Build Agile Manufacturing Execution Systems", Beijing University of Aero. & Astro., Beijing, China [RID02_06.doc]
- RID02-07: Chunxi Chen, Zengzhi Li, Ruifang Ma, Guoli Li, and Feng Chen*, "A New Object Web by Application of CORBA, Servlet and Java", Xi'an Jiaotong University, Xi'an, China; *Northwest University, Xi'an, China [RID02_07.doc]
- RID02-08: Xuhui Chen, Yibin Hou, and Liang Li*, "System Architecture of Home Network/Internet Gateway Based on Jini Technology", Xi'an Jiaotong University, Xi'an, China; *Chongqing University, Chongqing, China [RID02_08.doc]
- RID02-09: Yin Zhaolin, Qin Guohua, Shi Baisheng, Zhu Min, and Zhao Yanhong, "The Developing of Electronic Business Based on FIPA Agent Platform", China University of Mining and Technology, Xuzhou, China [RID02_09.doc]
- RID02-10: Yi Lin, Huang Liping, and Li Xuezhi, "The Application of Distributed Object Technology in Constructint e-Business Infrastructure", Tsinghua University, Beijing, China [RID02_10.doc]
- RID02-11: Guoqi Feng, Chaowan Yin, Chengen Wang, and Jinde Liu, "An Electronic Commerce Oriented Intelligent Architecture", Shenyang Automation Institute, Shenyang, China [RID02_11.doc]
- RID02-12: Yiwen Zhong and Jijiao Zheng*, "Network Address Translation in VPN Environments", Zhejiang University, Zhejiang, China; *Fujian Agriculture and Forestry University, Fujian, China [RID02_12.doc]
- RID02-13: Guangjun Jing, Wenda Zhou, Lijun Chen, Li Xie, and Songqiao Chen*, "Inhomogeneous Java Agents Framework

for Analytical Electronic Commerce Applications", Nanjing University, Nanjing, China; *Central South University, Changsha, China [RID02_13.doc]

RID02-14: Yongbin Wang, Weidong Hua*, and Junlan Nie*, "Product Information Issuing in Time on the China Bearing e-Commerce Platform", Beijing Broadcasting Institute, Beijing, China; *Hebei University of technology, Tianjin, China [RID02_14.doc]

RID02-15: Bin Tong and Rongquan Wu, "A Design and Implementation of Fault Tolerance in CORBA" , East China Institute of Computing Technology, Shanghai, China [RID02_15.doc]

Topic 3: Agile Enterprise Modeling, Management and Integration in eCE

RID03-02: Xiao-Dong Zhang, Zhi-Min Guo, and Hong-Sen Yan, "Hierarchical Production Planning for Flexible Automated Workshops to Obtain the Highest Business Benefit", Southeast University, Nanjing, China [RID03_02.doc]

RID03-04: Zhang Wei and Xiao Hongjun, "The e-Commerce Solutions for Enterprises Network Dynamic Alliance", Dalian University of Technology, Dalian, China [RID03_04.doc]

RID03-05: M. L. Yang, K. Cheng*, and G. E. Taylor, "Implementing Internet-based Agile Virtual Manufacturing Enterprises (iAVMEs) with Java and Linux Technologies", Leeds Metropolitan University, Leeds, UK [RID03_05.doc]

RID03-06: Zhijian Liao and Claudio Robert Bo?r, "Integrate Product Development into Supply Chain Management", Institute of Industrial Technologies and Automation of National Research Council, Italy [RID03_06.doc]

RID03-07: Teruaki Ito and Mohd Rizal Bin Salleh, "A Framework of Open Tender with Evaluation Function to Parts Supply System", The University of Tokushima, Japan [RID03_07.doc]

RID03-08: Tian Hong and Zhai Weili, "The Prosperity of Virtual Enterprise 's Application in China", Jilin University, Jilin, China [RID03_08.doc]

RID03-09: Li Zheng, Dunbing Tang, Zhizhong Li, Dacheng Liu, Liping Huang, Chengyin Liu, Xiankui Wang, and Hong Yi*, "Web-based Technologies Enabling Agile Manufacturing", Tsinghua University, Beijing, China; *Southeast University, Nanjing, China [RID03_09.doc]

RID03-10: M.Moltrecht, Ph.Ahlner, and K.Cheng*, "Electronic Business - Business to Business Solutions in Medium Sizes Enterprise", University of Applied Science, Germany; *Leeds Metropolitan University, UK [RID03_10.doc]

RID03-11: Tim Gudszen and Hans-Peter Lentz, "IT-Supported Cooperation of Competence Networks in the Fields of Machinery Maintenance and Service", Fraunhofer-Institute Industrial Engineering, Germany [RID03_11.doc]

RID03-12: Q.X.Chen and H. W. He, "Architecture of the Corporate Portals for the Mould and Die Manufacturers", Guangdong University of Technology, Guangzhou, China [RID03_12.doc]

RID03-13: Zhao Yimeng and Sun Linyan, "Characteristics of e-Manufacturing and Strategies of Implementing in Western Manufacturing Industries", Xi'an Jiaotong University, Xi'an, China [RID03_13.doc]

RID03-14: Shen Fengwu, Wang Kanliang, and Wang longwei, "Effects of e-Procurement upon Enterprise under the Development of Global Economy", Xi'an Jiaotong University, Xi'an, China [RID03_14.doc]

RID03-15: Fengming Zhang, Shuangjiu Xiao, and Mingquan Zhu, "The Enabling Technologies and New Strategy for Product Information Sharing across Supply Chain", Northwestern Polytechnical University, Xi'an, China [RID03_15.doc]

RID03-17: Guo Wensheng, Fu Xiaobin, and Yin Guofu, "The Enterprise Operation Supporting System Based on Web-CORBA", Sichuan University, Chengdu, China [RID03_17.doc]

RID03-18: Dong Xinyu and Li Huaizu, "Business Process Re-Engineering in Electronic Commerce", Xi'an Jiaotong University, Xi'an, China [RID03_18.doc]

RID03-19: Ni Xiaodong and Li Renhou, "Modeling of Workflow Based on Colored Petri Net", Xi'an Jiaotong University, Xi'an, China [RID03_19.doc]

RID03-20: Qinglong Ma, Guofu Yin, Xinwei Liu, Tian Chen, and Peng Ge, " Research on the Application of Ecommerce-based MRP II/ERP in Mid-sized and Small-sized Enterprises", Sichuan University, Chengdu, China [RID03_20.doc]

RID03-21: Shuichi Fukuda, "Value Chain Management: Goal of Collaborative Engineering", Tokyo Metropolitan Institute of Technology, Tokyo, Japan [RID03_21.doc]

RID03-22: Lei Zhang and Zheng Qin, "Net-market Maker: Redesigning the Supply Chain in e-Commerce", Xi'an Jiaotong

University, Xi'an, China [RID03_22.doc]

RID03-23: Qian-Xu, Wenjun Liang, and Yuehong Meng, "The Research about the Model of Group-chain on the Base of the Integration of the Enterprise's Information", The China University Mining & Technology, Xuzhou, China [RID03_23.doc]

RID03-24: Yao Yiyong, Zhao Liping, and Shi Weixiang, "Study on Optimizing Solution Method of Multi-goal Optimization Area in Agile Supply Chain Management", Xi'an Jiaotong University, Xi'an, China [RID03_24.doc]

RID03-25: Yao Yiyong, Zhao Liping, and Shi Weixiang, "Study on the Quality Information System Frame Techniques of Agile Supply Chain", Xi'an Jiaotong University, Xi'an, China [RID03_25.doc]

RID03-28: Jin-Hai Li, Alistair R Anderson*, and Richard T Harrison*, "A Model Framework for Manufacturing Industry in the Information Era", Hebei University of Technology, Tianjin, China; *University of Aberdeen, Scotland [RID03_28.doc]

RID03-29: Jianmin Gao, Fumin Chen, and Qing Li*, "The e-Commerce Model of Chinese Enterprise Groups", Xi'an Jiaotong University, Xi'an, China; *Beijing University of Aeronautics & Astronautics China, Beijing, China [RID03_29.doc]

RID03-30: Wang Ying, Sun Linyan, and Sang Dayong*, "Maximum Fuzzy Weighted Distance Method for Supplier Selection in eCommerce", Xi'an Jiaotong University, Xi'an, China; *The Air Force Institute of Engineering, Xi'an, China [RID03_30.doc]

RID03-31: Yonghua Zhou and Yuliu Chen, "Extended Enterprise Integration Architecture and Methodology towards Supply Chain Management, Electronic Commerce and Global Networked Manufacturing", Tsinghua University, Beijing, China [RID03_31.doc]

RID03-33: Jiang Zhiqiang, Du Jianming, Ding Yucheng, and Shi Jinfa*, "Research on the Enterprise Information Integrated Framework of CAD/CAM Based on PDM", Xi'an Jiaotong University, Xi'an, China; *Zhengzhou Aeronautical Institute of Technology, Zhengzhou, China [RID03_33.doc]

RID03-34: Sun Changsong, Wang Zhou, and Chen Xuesong, "An Integrated Multi-view Modeling Method for CIMS—OOIDEF", Harbin Engineering University, Harbin, China [RID03_34.doc]

RID03-36: Xu Lei and Chai Yueting, "The Planning of Urgent Order in e-Commerce", Tsinghua University, Beijing, China [RID03_36.doc]

RID03-37: He Kangkang and Chai Yueting, "Rapid Development of Agile Supply Chain Management System Based on Reusable Components", Tsinghua University, Beijing, China [RID03_37.doc]

RID03-38: Rao Yunqing and Li Peigen, "Unified Modeling and Integrated Designing for FMS Controller", Huazhong University of Science and Technology, Wuhan, China [RID03_38.doc]

RID03-40: Wang Ping, Chen Xingming*, Liu Fei*, and Jiang Yulian, "Study of Logistic Information Integration of Agile Manufacturing", Chongqing University of Posts and Telecommunications, Chongqing, China; *Chongqing University, Chongqing, China [RID03_40.doc]

RID03-41: Ren Feng and Cheng Lina, "Dynamic Alliance in the Virtual Enterprises under the e-Commerce", Xi'an Jiaotong University, Xi'an, China [RID03_41.doc]

RID03-42: Ju-xiang Wang, Er-Shun Pan, and An-lin Wang, "Development and Modeling of e-Supply Chain", Shanghai Jiaotong University, Shanghai, China [RID03_42.doc]

RID03-43: Jiang Lihui and Zhang Pengzhu, "Building One Export-oriented Virtual Enterprises Alliance in China", Xi'an Jiaotong University, Xi'an, China [RID03_43.doc]

RID03-44: Xia Zhao, Yueting Chai, and Yi Liu, "Cooperation Relationship Management in Agile Supply Chain", Tsinghua University, Beijing, China [RID03_44.doc]

RID03-45: Tian Chunhua, Chai Yueting, and Liu Yi, "A Quantitative Approach to the Research of Organizational Structure and Evolution", Tsinghua University, Beijing, China [RID03_45.doc]

RID03-46: Ren Chang-rui, Chai Yue-ting, and Liu Yi, "Applying XML in Agile Supply Chain Management Model Based on Coordination of Multi-agent System", Tsinghua University, Beijing, China [RID03_46.doc]

RID03-49: Yiru Dai, Junwei Yan, and Yu Wang, "Virtual Enterprise Modeling Based on eCommerce", Tongji University, Shanghai, China [RID03_49.doc]

RID03-52: Du Jianming, Jiang Zhiqiang, and Wu Xutang, "A Study on Agile Enterprise (AE) Model Based on Electronic Commerce (EC) and Its Supporting Technology", Xi'an Jiaotong University, Xi'an, China [RID03_52.doc]

RID03-53: Dong Zhibin, Yan Junwe, Dai Yiru, and Wu Qidi, "Study of Enterprise Process Modeling Structure", Tongji

University, Shanghai, China [RID03_53.doc]

RID03-54: Chen Xiaochuan, Fang Minglun, and Feng Xinan*, "Distributed Networked Research Centre and Its Application", Shanghai University, Shanghai, China; *Dalian University of Technology, Dalian, China [RID03_54.doc]

RID03-55: Peng Zhang and Zengzhi Li, "Distributing the Intelligence and Control of Network Management by Software Agents", Xi'an Jiaotong University, Xi'an, China [RID03_55.doc]

RID03-56: Jason LAU, George HUANG, and KL MAK, "E-Commerce Solutions for Supply Chain Management: A Comparative Review", The University of Hong Kong, Hong Kong, China [RID03_56.doc]

RID03-58: G.Q. Huang and K.L. Mak, "Review of Business Models of Digital Enterprises", The University of Hong Kong, Hong Kong, China [RID03_58.doc]

RID03-59: Song Chen and Li Zongbin, "Study on Stochastic Inventory Control System Based on Petri-Net", Xi'an Jiaotong University, Xi'an, China [RID03_59.doc]

RID03-60: Guangming Cao and Paul Humphreys, "Electronic Commerce and Organisational Change: A Systems Perspective", University of Ulster, Northern Ireland [RID03_60.doc]

RID03-61: Zhao Pengwei, Dou Yongxiang, Xu Guohua, Liu Huailiang, and Wang Fanglin, "Collaboration Information System in Virtual Organization", Xi'dian University, Xi'an, China [RID03_61.doc]

RID03-62: Tang Fengming and Li Zongbin, "The Study of Development for Supply Management Information System in Supply Chain", Xi'an Jiaotong University, Xi'an, China [RID03_62.doc]

RID03-64: Bin Zhu and Pingyu Jiang, "The Implementing Framework of Supply Chain Management System in the Environment of EC", Xi'an Jiaotong University, Xi'an, China [RID03_64.doc]

RID03-65: Zhang Ying and Zhu Meiqi, "An Agile Integrated Management Model Based on eCommerce", Wuhan University of Technology, Wuhan, China [RID03_65.doc]

Topic 4: "e-" Technologies for Manufacturing Engineering

RID04-02: J. Toussaint and K. Cheng, "Implementation of Design Agility and Manufacturing Responsiveness on the Web: Two Cases Studies ", Leeds Metropolitan University, UK [RID04_02.doc]

RID04-03: Dan Liu, Marco Sacco, and Claudio Robert Bo?r, "Distributed CAD/CAPP/CAM Integration Based on Step-PDM Schema and CORBA-compliant PDM Enablers", Institute of Industrial Technologies and Automation National Research Council, Italy [RID04_03.doc]

RID04-04: Richard J Bateman and Kai Cheng, "Devolved Manufacturing", Leeds Metropolitan University, UK [RID04_04.doc]

RID04-05: Zhao Gang, Jiang Pingyu, and Zhang Yingjie, "An Approach to ASP Philosophy-based Web-CAPP System", Xi'an Jiaotong University, Xi'an, China [RID04_05.doc]

RID04-06: H J Rea, J R Corney, DER Clark, J Pritchard, ML Breaks, and RA MacLeod, "Part-Sourcing in a Global Market", Heriot-Watt University, UK [RID04_06.doc]

RID04-07: Shi Lianyan, Song Wenyuan, and Shi Quan, "The Technique of Both Direct Design Based on e-Commerce", Fourth Department Mechanical Engineering College, Shijiazhuang, China [RID04_07.doc]

RID04-08: Peiyuan Pan, Kai Cheng*, and David K Harrison**, "Development of an Agile Design Support System for Rolling Bearings Based on AI and Web Technologies", Gloucestershire Business School, UK; *Leeds Metropolitan University, UK; **Glasgow Caledonian University, UK [RID04_08.doc]

RID04-09: Wilfried Sihn and Tom-David Graupner, "E-Industrial Services Value-added Services for the Producing Sector Using the Example of Simulation", Fraunhofer-Institute for Manufacturing Engineering and Automation, Germany [RID04_09.doc]

RID04-10: Huang Liping, Dai Yongchang, Li Chunbo, Yi Lin, and Xu Longwen, "Collaborative Product Commerce in a Network Manufacturing Environment", Tsinghua University, Beijing, China [RID04_10.doc]

RID04-12: Mo Rong, Liao Fangyong, and Wang Zengqiang, "A Web-based Information Management System of Product BOM", Northwestern Polytechnical University, Xi'an, China [RID04_12.doc]

RID04-13: Stuart Harrod, Steve Wilkinson, and Nick Cope, "Development Of a Virtual Interactive Web Based Robot Cell Using Java & Java 3D", Leeds Metropolitan University, UK [RID04_13.doc]

- RID04-14: Chen Kun and Lin Zhihang, "Collaborative Platform Architecture and Development of Distributed Design in Agile Virtual Enterprise", Xi'an Jiaotong University, Xi'an, China [RID04_14.doc]
- RID04-15: Yang Mingshun and Lin Zhihang, "Evaluation and Selection of Conceptual Design Schemes Supported by Integrated Toolkit", Xi'an Jiaotong University, Xi'an, China [RID04_15.doc]
- RID04-16: Qi Yuansheng, Liu Chunrong, Peng Hua, and Yang Mingzhong, "Study on the System Structure and Technology of Rapid Prototyping Service Alliance", Wuhan University of Technology, Wuhan, China [RID04_16.doc]
- RID04-17: Wu Xianjun and Li Zhiming, "Web Technologies and Global Enterprises", East School of Wuhan University of Technology, Wuhan, China [RID04_17.doc]
- RID04-18: Yu Qingmei and Yin Chaowan, "Agent-based the Implement of Dynamic Federation Technology", Shenyang Institute of Automation, Shenyang, China [RID04_18.doc]
- RID04-19: Xiangtong Yan and Pingyu Jiang, "A Micro-component e-Design Framework for Surface Silicon Micro-manufacturing", Xi'an Jiaotong University, Xi'an, China [RID04_19.doc]
- RID04-20: Dan Zhanping and Gao Hongwei*, "Formation and Application of BOM in Web-based CIMS/MIS", Xi'an Jiaotong University, Xi'an, China; *Xi'dian University, Xi'an, China [RID04_20.doc]
- RID04-21: Sang-Hoon Kong, Jaehong Park*, Young-Geun Han**, Gibom Kim, and Kyo-Il Lee, "The Internet-based Virtual Machining System Using CORBA", Seoul National University, Seoul, Korea; *Management Consulting Services, PriceWaterhouseCoopers; **Myongji University, Yongin, Korea [RID04_21.doc]
- RID04-22: Sun Pengwen, Yu Dingwen, and Zhang Yufeng, "Study on Technology of Manufacturing Informationalization Based on the Framework of Electronic Commerce", Tsinghua University, Beijing, China [RID04_22.doc]
- RID04-23: Zhu Huabing, Liu Zhifeng, Lin Jvguang, Liu Guangfu, and Shi Zhen, "Research on Web-based Integrated Green Process Planning Technology", Hefei University of Technology, Hefei, China [RID04_23.doc]
- RID04-24: Jianbin Xue and Ping Ji*, "A Web-based Electronic Tolerance Charting System", Nanjing University of Aeronautics & Astronautics, Nanjing, China; *The Hong Kong Polytechnic University, HongKong, China [RID04_24.doc]
- RID04-25: Liu Huailiang, Xu Guohua, Zhao Pengwei, Wang Baobao, and Wang Dong, "Study on Multilevel-fuzzy Synthetic Assessment Method to CIMS Network", Xi'dian University, Xi'an, China [RID04_25.doc]
- RID04-26: Fei Jiyou, Meng Xiangzhao, Yu bingfeng, and Sun Yingkai*, "Application of Rough Set Theory in Layered-mining Artificial Neural Network", Xi'an Jiaotong University, Xi'an, China; *Chongqing University, Chongqing, China [RID04_26.doc]
- RID04-27: Wu Ritu and Meng Biao, "Virtual Manufacturing Framework and Its Key Technologies Based on Internet", Inner Mongolia Polytechnic University, Hohhot, China [RID04_27.doc]
- RID04-28: Pang Ruying, Liu Dacheng, and Zheng Li, "The Construction of Web-based Electronic Product Catalogs System", Tsinghua University, Beijing, China [RID04_28.doc]
- RID04-30: Yanbo Liu, Dacheng Liu, Li Zheng, and Ruying Pang, "Automatic Meters Reading System of PSTN-based Telecommunications", Tsinghua University, Beijing, China [RID04_30.doc]
- RID04-32: Yang Zhixiong, Gu Xinjian, and Qi Guoling*, "Search Engine for Complicated Non-standard Parts", Zhejiang University, Zhejiang, China; *Hangzhou Steam Turbine Works, Hangzhou, China [RID04_32.doc]
- RID04-33: Lihong Qiao, Zhibing Yang*, Qiying Wang, Xu Liu, and Chun(Chuck) Zhang**, "Interoperation of Product Information for Design for Manufacturing", Beijing University of Aeronautics and Astronautics, Beijing, China; *Beijing Institute of Technology, Beijing, China; **Florida A&M University – Florida State University, USA [RID04_33.doc]
- RID04-34: Ai Ke, Cui Shu-ni, Li Peng, and Xie Xue-shu, "Analysis of Digital Track Circuit", Tsinghua University, Beijing, China [RID04_34.doc]
- RID04-35: Meng Biao and Wu Ri-Tu, "Virtual Design Platform for Collaboration Engineering", Tsinghua University, Beijing, China [RID04_35.doc]
- RID04-36: Zheng Kangping, Wu Jian, and Wang xiaochun, "Research on the Bicubic B-spline Surfaces Reconstruction and the Display of Reconstructing Graphics", Xi'an Jiaotong University, Xi'an, China [RID04_36.doc]
- RID04-37: Cuan Ying, Yun Min, and Wang Xiaochun, "Construction Algorithm of Rational Developable Bezier Interpolation Patches", Xi'an Jiaotong University, Xi'an, China [RID04_37.doc]

- RID04-38: Jiang Jibin, Lin Juguang, Liu Zhifeng, Pan Xiaoyong, and Liu Guangfu,"Constructing Strategy of Manufacturing Network Oriented Process", Hefei University of Technology, Hefei, China [RID04_38.doc]
- RID04-39: Zhao Laijun, "Development and Application of the Intelligent Pumping System", Xi'an Jiaotong University, Xi'an, China [RID04_39.doc]
- RID04-40: Jun Liu and Zhihang Lin, "A Knowledge-based Intelligent eService System", Xi'an Jiaotong University, Xi'an, China [RID04_40.doc]
- RID04-41: Han Tao, Li Bing, Sui Liansheng, and Jiang Zhuangde, "A Virtual Environment for Network-based Rapid Product Development", Xi'an Jiaotong University, Xi'an, China [RID04_41.doc]
- RID04-42: Zhang Yingjie and Yin Xianli, "The Function Integration in CAPP by Means of Computer Network", Xi'an Jiaotong University, Xi'an, China [RID04_42.doc]
- RID04-43: Zhang Yingjie and Sun Huibin, "An New Algorithm for Solid Reconstruction from Cross-sections", Xi'an Jiaotong University, Xi'an, China [RID04_43.doc]
- RID04-46: Zhang Yingfeng and Pinyu Jiang, "Implementing an Internet e-Service Mechanism for Networked Part Manufacture", Xi'an Jiaotong University, Xi'an, China [RID04_46.doc]

Topic 5: Information-based Manufacturing and Digital Factory

- RID05-01: Guanghui Zhou, Pingyu Jiang, and Yingfeng Zhang, "Research on e-Service Operation Platform for Web-based Distributed Networked-Manufacturing", Xi'an Jiaotong University, Xi'an, China [RID05_01.doc]
- RID05-03: Chiung Moon, Jongsoo Kim, and Young Hae Lee, "Advanced Process Planning and Scheduling in Multi-plants Supply Chain", Hanyang University, Ansan, Korea [RID05_03.doc]
- RID05-05: Qingjin Peng, "The Research and Development of Virtual Reality in Design and Manufacturing", The University of Manitoba, Winnipeg, Canada [RID05_05.doc]
- RID05-06: Jianjun Zhou and Zichen Chen*, "Direct Digital Simulation of Gear Drives", Institute of Electronics Engineering, Hangzhou, China; *Zhejiang University, Zhejiang, China [RID05_06.doc]
- RID05-07: Luo Wei, Tong Bingshu, and Liang Mao, "Product Design Management using XML and KCs", Tsinghua University, Beijing, China [RID05_07.doc]
- RID05-09: Zhijie Xu, "Rapid Virtual Manufacturing Environment Construction and Application Knowledge Integration", School of Engineering University of Huddersfield Queensgate Gate, Huddersfield, UK [RID05_09.doc]
- RID05-10: Sun Kun and Lu Bingheng, "Study on 3-D Solidification Simulation of Casting", Xi'an Jiaotong University, Xi'an, China [RID05_10.doc]
- RID05-11: Bo Sang, Jianbo Wu, Hong Zhao, and Yushan Tan, "A New Type of Laser Sensor for 2-D Vibration", Xi'an Jiaotong University, Xi'an, China [RID05_11.doc]
- RID05-12: Wu Jianbo, Sang Bo, Zhao Hong, and Tan Yushan, "3D Measurement System for Human Head in Reverse Engineering", Xi'an Jiaotong University, Xi'an, China [RID05_12.doc]
- RID05-13: Galina Nikoltcheva and Peter Popov*, "Setup Generation and Feature Sequencing Using Neural Networks", Technical University of Sofia, Sofia, Bulgaria; *Texas A& M University, USA [RID05_13.doc]
- RID05-14: Wang Huisheng, Li Jian, Sun Honghua, Sun Gang, and Meng Mingchen, "Data Management Technology of Problem Solving Based on Cooperative Design Environment", Tsinghua University, Beijing, China [RID05_14.doc]
- RID05-15: Shi Quan and Maozhi Gan, "Evolutionary Design Technique for Product Maintainability", Shijiazhuang Mechanical Engineering College, Shijiazhuang, China [RID05_15.doc]
- RID05-16: Zhu Jiacheng and Han Jianghong, "Studies on the Individualized Product Development Based on Internet", Hefei University of Technology, Hefei, China [RID05_16.doc]
- RID05-17: Wang Hong-liang and Wang Xiao-chun, "A Survey of Geometric Analysis Methods for Free-form Surfaces", Xi'an Jiaotong University, Xi'an, China [RID05_17.doc]
- RID05-18: Wan Chuan-feng, Wei Qing-chao, Wu Shuang*, and Li Da-yong*, "Research on Secondary Development of Line AutoCAD Based on the ActiveX Technology in Fast Track Transportation", Northern Jiaotong University, Beijing, China; *Beijing Urban Engineering Design Research Institute, Beijing, China [RID05_18.doc]

- RID05-20: Jian-Hai Song, Guo-Feng Hu, Shi-Xin Liu, and Meng-Guang Wang, "SAS Applications in Material Flow Control in Steel Plants", Northeast University, Shenyang, China [RID05_20.doc]
- RID05-21: Li Weigang, Mo Rong, Yang Haicheng, and Wang Zengqiang, "XML-based Process Modeling in Collaborative Product Development", Northwestern Polytechnical University, Xi'an, China [RID05_21.doc]
- RID05-22: Guo Yanjun, Lin Tingqi, Cao Yan*, Liu Ning**, and Zhao Rujia*, "Architecture and Strategies of Virtual Organization Oriented Enterprises", Shaanxi Qinchuan Machinery Development Co., Baoji, China; *Xi'an Jiaotong University, Xi'an, China; **China First Heavy Machinery Corporation, Fulaerji, China [RID05_22.doc]
- RID05-23: Cao Yan, Li Chengbo*, Chen Hua, and Zhao Rujia, "Process Dynamic Management and Its Hierarchical Architecture to Deal with Uncertainties in New Product Development Projects", Xi'an Jiaotong University, Xi'an, China; *Shaanxi Qinchuan Machinery Development Co., Baoji, China [RID05_23.doc]
- RID05-25: Hui-Jun Song and Zhi-Hang Lin, "Study on Key Techniques for Generation of Conceptual Design Schemes of Mechanical Products", Xi'an Jiaotong University, Xi'an, China [RID05_25.doc]
- RID05-26: Xinwen Niu, Han Ding, and Youlun Xiong, "A Virtual Prototyping Approach to Assembly Sequence Planning", Huazhong University of Science and Technology, Wuhan, China [RID05_26.doc]
- RID05-27: Guofu Yin, Guiyun Tian*, and David Taylor*, "Distributed Information Management Systems for Allied Remote Manufacturing Enterprises", Sichuan University, Chengdu, China; *University of Huddersfield, Huddersfield, UK [RID05_27.doc]
- RID05-28: He Bingwei and Lin Zhihang, "A Coordinate Measuring System Integrating Stereo Vision and Line-laser Scan Sensor in Reverse Engineering", Xi'an Jiaotong University, Xi'an, China [RID05_28.doc]
- RID05-30: Yinghui Wang, Rujia Zhao, and Xing Zhou*, "Reverse Engineering System Based on CGI Measurement", Xi'an Jiaotong University, Xi'an, China; *Jiujiang Finance and Economics Junior College, Jiujiang, China [RID05_30.doc]
- RID05-31: Yang Qingyu, Liang Feng, and Shi Ren, "Research on Internet-based Complete Distributed NetWork Control System", Xi'an Jiaotong University, Xi'an, China [RID05_31.doc]
- RID05-32: Rong-Lei Sun, Han Ding, and Youlun Xiong, "Decision Space Approach to Operation Selection Considering Alternative Assembly Sequences", Huazhong University of Science and Technology, Wuhan China [RID05_32.doc]
- RID05-34: Zhang Li-ping and Cai Yue-ting, "Improved Genetic Algorithm for Capacitated Vehicle Routing Problem", Tsinghua University, Beijing, 100084 [RID05_34.doc]
- RID05-35: Chen Hua, Cao Yan, and Zhao Rujia "Cooperative Design Based on Multi-agent System on Internet", Xi'an Jiaotong University, Xi'an, China [RID05_35.doc]
- RID05-36: Luo Qiang, Ren Qingli*, Luo Li**, Yang Wanhai "A Fractal Image Compression Encoding Method Based on Alterable Fractal Geometric Scale", Xidian University, Xi'an, China; *Xi'an Jiaotong University, Xi'an, China; **National University of Defence Technology, China [RID05_36.doc]
- RID05-37: Luo Qiang, Ren Qingli*, Luo Li**, and Yang Wanhai, "A Method of the Image Edge Extraction Based on Fractal Theory", Xidian University, Xi'an, China; *Xi'an Jiaotong University, Xi'an, China; **National University of Defence Technology, Changsham, China [RID05_37.doc]
- RID05-38: Jie He, Qinghong Sun, Nan Chen, Haijun Mao, and Xin Chen, "Matlab Web Server and Its Application in Remote Call of BP Neural NetWork", SouthEast University, Nanjing, China [RID05_38.doc]
- RID05-39: Zhu Yongsheng and Zhang Youyun, "Research on Centralized and Distributed Process Monitoring System for Large-scale Building Site", Xi'an Jiaotong University, Xi'an, China [RID05_39.doc]
- RID05-40: Chen Dingyue, Xu Hu , Zhu Bin, Don Jianjia, Zhang Qi*, and Gao Ge*, "Exploration of Mechanical CAD Directions", Xi'an Jiaotong University, Xi'an, China; *Power Division, Xi'an Xianyang International Airport, Xianyang, China [RID05_40.doc]
- RID05-41: Yu Chengbo and Tao Hongyan, "Research and Development of Remote Testing Mechanical Transmission Efficiency", Chongqing Institute of Technology, Chongqing, China [RID05_41.doc]
- RID05-42: Ma Huijun and He Yue, "Structural Study of Flexible Concurrent Design and Management System", Xi'an Jiaotong University, Xi'an, China [RID05_42.doc]
- RID05-43: Li Ying Meng and Peter Sackett "Cost Justification of Investment in Product Data Management: A Design Quality

and Engineering Process Improvement View", Cranfield University, Cranfield, UK [RID05_43.doc]

RID05-44: W Zhang, F Coenen*, and P Leng*, "A System Architecture for Online Product Data Management in Flexible Manufacturing Environments ", University of Windsor, Canada: *University of Liverpool, UK [RID05_44.doc]

RID05-45: Chun-Xian Wang, Yan-Ming Wu, Xue-Ning Chu, and Zhi-Sen Wang, "Mobile Agents and Web-based Information Gathering and Integration in Networked Manufacturing", Hefei University of Technology, Heifei, China [RID05_45.doc]

RID05-46: Wang Longwei, Wang Kanliang, and Li Chunqing, "Studies on the Non-production Procurement in e-Commerce Environment", Xi'an Jiaotong University , Xi'an, China [RID05_46.doc]

RID05-47: Wei Hongqin and Wang Xiaochun, "Study on the Data Exchange and Data Storage under Network Collaboration Design", Xi'an Jiaotong University, Xi'an, China [RID05_47.doc]

RID05-48: Li Bin, Wang Xiaochun, Shi Xiaojuan, and Jiang Hong, "Development System of Three-dimension CAD in Internet", Xi'an Jiaotong University, Xi'an, China [RID05_48.doc]

RID05-49: Xie Xiaoxuan, Zhang Hao, Wang Jian, and Yan Juanwei, "Research on e-Commercialized Teleservice system of Manufacturing Enterprises", Tongji University, Shanghai, China [RID05_49.doc]

RID05-50: Wu Maoliang, Zhao Wanhua, Tang Yiping, Li Dichen, and Lu Bingheng, "Research on the Cure Characteristics in CPS", Xi'an Jiaotong University, Xi'an, China [RID05_50.doc]

RID05-51: Zhang Qingying, Wang Chengfang, and Luo Jun, "Network Technology Applied in Shipbuilding", Wuhan University of Technology, Wuhan, China [RID05_51.doc]

RID05-52: Lv Xiaojun, Wu Xin, Jing Mingqing, Xie Youbai, and Dong Guangneng, "Research on an Internet-based On-line Ferrograph", Xi'an Jiaotong University, Xi'an, China [RID05_52.doc]

RID05-53: Yuan Yu and Xiaochun Wang, "Research on CAM System for Impeller Based on Feature Extract", Xi'an Jiaotong University, Xi'an, China [RID05_53.doc]

RID05-54: Kong Bing, Wang Zhao, and Tan Yushan, "3D Measurement System Adapted to On-line semiconductor Inspection", Xi'an Jiaotong University, Xi'an, China [RID05_54.doc]

RID05-55: Nuogang Sun, Youyun Zhang, Xudong Dai, Xuesong Mei, Tao Tao, and Youbai Xie, "Study on the Performance Parameters Representation System of Products", Xi'an Jiaotong University , Xi'an, China [RID05_55.doc]

RID05-57: Wang YongChao and Sun Jian, "Virtual Simulation of a Manufacturing System for eCommerce", GuangDong University of Technology, GuangDong, China [RID05_57.doc]

RID05-58: Bo Gong and Xueshu Xie, "Application of Object Oriented Database in Open Scada System", Tsinghua University, Beijing, China [RID05_58.doc]

RID05-60: Wu Dianliang, Li Fan, Hong Jun, Huang Hailiang, and Ding Yucheng, "Rapid Development of Product Based on RE/RP/CAX and Internet/Intranet", Xi'an Jiaotong University, Xi'an, China [RID05_60.doc]

RID05-61: Min-Qing Jing, Jin-Tao Wang, and You-Bai Xie, "Remote Data Acquisition and Analyse of Working Machinery", Xi'an Jiaotong University, Xi'an, China [RID05_61.doc]

RID05-62: Bo Li and Li Zhang*, "X-Engine Based on X-Pool for PDM Systems", Beijing University of Aeronautics and Astronautics, Beijing, China; *Tsinghua University, Beijing, China [RID05_62.doc]

RID05-64: Meng Biao, Wang Jinsong, Zhu Yu*, and Zhang Hua, "Web-based Virtual Part Library for Collaboration Design", Tsinghua University, Beijing, China; *China University of Mining & Technology, Xuzhou, China [RID05_64.doc]

RID05-65: Wen Xiaogang, Xu Haizheng, and Zhao Changde, "The Design and Implementation of the Communication System Of a Distributed Control System Based on RS 422", Tsinghua University, Beijing, China [RID05_65.doc]

RID05-66: Chen Shi-Ling, Zhang You-Liang, and Kong Jian-Shou, "Application of Capability Maturity Model in Product Development", Nanjing University of Science & Technology, Nanjing, China [RID05_66.doc]

RID05-67: Zhang Jinyu, Zhang Youyun, and Xie Youbai, "Investigation on the Internet Based Remote Diagnosis and Treatment Support Center", Xi'an Jiaotong University, Xi'an, China [RID05_67.doc]

RID05-68: Gu Xinjian, Hu Rong, Yang Zhixiong, Qi Guoling*, and Huang Zhere*, "Internet-based Selection and Quote System for Multi-Stage Industrial Steam Turbine", Zhejiang University, Hangzhou, China; *Hangzhou Steam Turbine Works, Hangzhou, China [RID05_68.doc]

RID05-69: Xuepeng Liu, Xianlong Jin, Xuesong Mei, Xutang Wu, Dongsheng Zhang, and Jun Ma, "A New Approach of

Concrete Mixer Vehicle's Vane", Xi'an Jiaotong University, Xi'an, China [RID05_69.doc]

RID05-70: Gao Qiang, He Zhengjia, Zhang Zhousuo, Zi Yanyang, Li Fucai, and Xu Yonggang, "Internet-based Remote Monitoring and Diagnosis Serving Industry Equipment Maintenance", Xi' an Jiaotong University, Xi'an, China [RID05_70.doc]

RID05-71: Shi Xiaojuan, and Li Bin, "Research on Position Servo Controller Based on Neural Network", Xi'an Jiaotong University, Xi'an , China [RID05_71.doc]

RID05-72: Yun Min, Yu Yuan, and Wang Xiaochun, "Geometry Simulation of NC Machining Based on Blendingoctree Model", Xi'an Jiaotong University, Xi'an, China [RID05_72.doc]

RID05-73: S. Bin, G. Q. Huang, and K. L. Mak, "Web-based Product Family Development Using Artificial Neural Network", The University of Hong Kong, Hong Kong, China [RID05_73.doc]

RID05-75: Gong Yanjue, Jiang Gedong, and Wang Xiaochun, "Research on Simulation of NC Machining Process on Quality Assurance in Virtual Manufacturing", Xi'an Jiaotong University, Xi'an, China [RID05_75.doc]

RID05-76: Gao Feng, and Li Zongbin, "Optimization of the Cutting Speed for Drilling Operations on the Machining Center", Xi'an Jiaotong University, Xi'an, China [RID05_76.doc]

RID05-77: Dai Wendi, Li Zongbin, and Li Chongwu, "Study of a Petri Net to Determine Optimal Assembly Sequences", Xi'an Jiaotong University, Xi'an, China [RID05_77.doc]

RID05-78: Yuan Qingke, Cao Yan, Zhao Rujia, and Chen Xin*, "Product Development and Synthetic Evaluation Based on Virtual Product Prototype", Xi'an Jiaotong University, Xi'an, China; *Guangdong University of Technology, Guangzhou, China [RID05_78.doc]

RID05-79: Yu-Gang Duan, Su-Qin Wang, Yi-Ping Tang, and Bing-Heng Lu, "A Web-driven Method for Enabling Tele-design and Manufacturing", Xi'an Jiaotong University, Xi'an, China [RID05_79.doc]

RID05-80: Ruan Dawei, Chen Gang, Sun Linyan, and Hao Yunfeng, "Study on the Optimization Maintenance Policy for Operating System in Digital Manufacturing", Xi'an Jiaotong University, Xi'an, China [RID05_80.doc]

RID05-81: Guanghui Zhou, Pingyu Jiang, Xuan Hu, and Gang Zhao, "Approach to a Web-based Information Share Integrated Environment for Multiple CAD-systems", Xi'an Jiaotong University, Xi'an, China [RID05_81.doc]

RID05-82: Yingjie Zhang and Xueming Qian, "Free Modeling for Computer Aided Geometry Design with Conic Curve" , Xi'an Jiaotong University, Xi'an, China [RID05_82.doc]

RID05-83: Li Jianhua, Cao Yan*, and Zhao Rujia*, "The Architecture and Implementation of PDM in CE Environment for Mechanical Products ", Xi'an University of Science and Technology, Xi'an, China; *Xi'an Jiaotong University, Xi'an, China [RID05_83.doc]

RID05-85: Lü Jian, Sun Linyan, and Ma Xinli "On Drivers and Implementation Methods of IT-based Mass Customization", Xi'an Jiaotong University, Xi'an, China; *Shaanxi Institute of Technology, Hanzhong, China [RID05_85.doc]

RID05-86: Pingyu Jiang and Shuichi Fukuda*, "TeleDM: An Internet Web e-Service Testbed for Fast Product Design Supported by Prototype Manufacturing", Xi'an Jiaotong University, Xi'an, China; *Tokyo Metropolitan Institute of Technology, Tokyo, Japan [RID05_86.doc]

Topic 6: Collaborative Engineering in EC

RID06-01: Xiaolan Chen, Yongsheng Yin, and Daizhong Su*, "Collaborative Computer Aided Design over the Internet/Intranet", Chongqing University, Chongqing, China; *The Nottingham Trent University, UK [RID06_01.doc]

RID06-02: Xun W. Xu and Tony Liu, "Making PDM Systems More Open, Flexible and Acceptable", The University of Auckland, Auckland, New Zealand [RID06_02.doc]

RID06-04: H. Grabowski, R. S. Lossack, M. Gebauer, O. Hornberg, and O. Klaar, "Dragon: Development of an Interactive Engineering Portal for Open Networks", University of Karlsruhe (TH), Germany [RID06_04.doc]

RID06-05: Zhao Huishe, Tian Ling, Liang Mao, and Tong Bingshu, "A Collaborative Viewing and Markup System Based on VRML Technology", Tsinghua University, Beijing, China [RID06_05.doc]

RID06-06: Liang Mao, Tong Bingshu, Tian Ling, and Zhao Huishe, "The Research of an Original Net-based Agile Design System", Tsinghua University, Beijing, China [RID06_06.doc]

- RID06-08: Sun Honghua, Li Jian, wang Huisheng, Sun Gang, and Meng Mingchen, "A Model of CAD/CAPP Problem Solving Based on Distributed Collaborative Design", Tsinghua University, Beijing, China [RID06_08.doc]
- RID06-09: Zhang Pengcheng and Li Renhou, "Study on the Model of Open Cooperative Design System Based on Multi-Agents", Xi'an Jiaotong University, Xi'an, China [RID06_09.doc]
- RID06-10: Gao Lu, Tong Bingshu, and Dong Xinghui, "An Architecture of Product Rapid Design System Based on CSM", Tsinghua University, Beijing, China [RID06_10.doc]
- RID06-11: Shuting Zhang, Jianjun Yang, and Xueli Wu, "Project Management for Collaborative Product Development", Beijing University of Aeroacoustics and Astronautics, Beijing, China [RID06_11.doc]
- RID06-12: Li Guoli, Chen Chuxi, Kou Yanan, and Wu zhan, "Using Mobile Agents to Improve Interoperability in Electronic Commerce System", Xi'an Jiaotong University, Xi'an, China [RID06_12.doc]
- RID06-13: Han Yi, Qin Zheng, and Xie Guotong, "Interaction-Policy Model in Intelligent Multi-Agent System", Xi'an Jiaotong University, Xi'an, China [RID06_13.doc]
- RID06-14: Yousheng Tian, Yibin Hou, Yabin Chen, Yi Qian, and Zhangqin Huang, "Virtual Server in Human-Human Interaction and Co-Operative System", Xi'an Jiaotong University, Xi'an, China [RID06_14.doc]
- RID06-16: Dai Xuedong, Sun Nuogang, and Xie Youbai, "A Model of Products' Performance Characteristic in Collaborate Design on Internet", Xi'an Jiaotong University, Xi'an, China [RID06_16.doc]
- RID06-17: Hooi Leng Lee, David Little, and David M. Hall, "Generic Late Product Configuration Tool for Responsive Manufacturing", University of Huddersfield, Huddersfield, UK [RID06_17.doc]
- RID06-19: Jianzhong Mo and Lih-Sheng (Tom) Turng, "Xml-Based Distributed Manufacturing Knowledge System for Injection Molding", University of Wisconsin, Madison, USA [RID06_19.doc]
- RID06-20: Ye Hua, Zhong Tingxiu, and ONOSATO Masahiko*, "Issues of Web-based Product Development: Three Gorges Ship Elevator as a Case Study", Shanghai Jiaotong University, Shanghai, China; *Osaka University, Osaka, Japan [RID06_20.doc]
- RID06-21: J S Lynn, D K Harrison, E Horn, and Kai Cheng*, "Masterdoc - Multimedia Authoring System for Technical Engineering Realtime Documentation", Glasgow Caledonian University, Glasgow, UK; *Leeds Metropolitan University, Leeds, UK [RID06_21.doc]
- RID06-22: Wang Hui-Fen, Zhang You-Liang, and Kong Jian-Shou, "EB-Oriented Collaborative Product Development System", Nanjing University of Science and Technology, Nanjing, China [RID06_22.doc]
- RID06-23: Kong Jianshou, Zhang Youliang, Chen Shiling, Wang Huifen, and Na Zhengping, "Research on Web-Based Collaborative Product Commerce System", Nanjing University of Science & Technology, Nanjing, China [RID06_23.doc]
- RID06-24: Liu Li, Tong Bingshu, and Teng Dongxing, "The Study on Structure Design for Mechanism Under Network Environment", Tsinghua University, Beijing, China [RID06_24.doc]
- RID06-26: Li Xu, Sun Linyan, and WangYingluo, "Different Knowledge Management Strategy for Business Organizations in Internet Era", Xi'an Jiaotong University, Xi'an, China [RID06_26.doc]
- RID06-27: Xianguo Chen and Pingyu Jiang, "Implementing an ASP-based Synchronously Collaborative Product Design on Web", Xi'an Jiaotong University, Xi'an, China [RID06_27.doc]

Topic 7: Knowledge Engineering in EC

- RID07-01: Xi Cheng and Yibin Hou, "Distributed Evaluation of Logic Programs for Knowledge Discovery on the Internet", Xi'an Jiaotong University, Xi'an, China [RID07_01.doc]
- RID07-03: Zehua Wang, Huaizu Li, and Xinming Han*, "Study on the Impact of Internet on Distribution Channel", Xi'an Jiaotong University, Xi'an, China; *National Mechanism Science Academe, Beijing, China [RID07_03.doc]
- RID07-05: Licong Xie and Qingyuan Bai*, "Partition on Web Pages for Retrieving Information", Fuzhou University, Fujian, China; *University of Ulster at Jordanstown, Jordanstown, UK [RID07_05.doc]
- RID07-06: Jie Sun, Yong Huang, and Dianmin Zhou, "Data Mining for Customer Relationship Management in e-Commerce", Xi'an Jiaotong University, Xi'an, China [RID07_06.doc]

RID07-08: Hailong Zhu and Liangsheng Qu, "Document Visualization and Data Exploration on World Wide Web", Xi'an Jiaotong University, Xi'an, China [RID07_08.doc]

RID07-09: Ye Hua, Zhong Tingxiu, and ONOSATO Masahiko*, "ASK via Virtual Manufacturing System---Towards Storing and Using of Knowledge Archives in Manufacturing System", Shanghai Jiaotong University, Shanghai, China; *Osaka University, Japan [RID07_09.doc]

RID07-10: J. Shi, G. Q. Huang, and K. L. Mak, "Mining Product Design Guidelines in Web-based 'Design for X' Handbook", The University of Hong Kong, Hong Kong, China [RID07_10.doc]

Topic 8: Marketing Theory and Methodologies in EC

RID08-03: Gao Linqi, Lu Xiangyi, and Han Chongzhao, "The Market Research Method Based on Multi-agent System Applicated in EC", Xi'an Jiaotong University, Xi'an, China [RID08_03.doc]

RID08-05: Wu Wen, Liu Yi*, and Qian Chongqiang**, "Analysis on the Prospect of Developing eCommerce in Healthcare System in China", The Adults' College Of Pipeline Bureau, Langfang, China; *Tsinghua University, Beijing, China; **The Central Hospital Of China National Petroleum Corporation, Langfang, China [RID08_05.doc]

Topic 9: Economics, Policy and Strategy

RID09-01: Gangmin Li and Alistair G. Sutcliffe*, "E-Commerce and Inter-organisational Relationships", The Open University, Milton Keynes, UK; *The Centre for HCI Design Department of Computation, UMIST, UK [RID09_01.doc]

RID09-02: Wang Nengmin, Sun Linyan, and Wang Yingluo, "Game Analysis about Choosing of Manufacturing Model", Xi'an Jiaotong University, Xi'an, China [RID09_02.doc]

RID09-03: Sun Ke and Zhang Min*, "Investigation of Legal Problems about V.E. on e-Business", Xi'an Jiaotong university, Xi'an, China; *Northwest Polytechnic University, Xi'an, China [RID09_03.doc]

RID09-04: Ni Haijiang and Wan Difang, "The Development of Internet Bank Based on Electronic Commerce", Xi'an Jiaotong University, Xi'an, China [RID09_04.doc]

RID09-05: Liu Limin and Chai Yueting, "A Computeried Optimizing Control Arithmetic on Distribution Inventory System for Chain Store", Tsinghua University, Beijing, China [RID09_05.doc]

RID09-06: Xiao Nan, "An Analysis of the Impact of e-Commerce on the Structure of the Firm---An Explanation on the View of Transaction Costs", Tsinghua University, Beijing, China [RID09_06.doc]

Topic 10: Trade and shopping

RID10-01: Youwei Wang and Dingwei Wang, "Design Strategy of Web Page for e-Supermarket", Northeastern University, Shengyang, China [RID10_01.doc]

Topic 11: Global Online Education and Training

RID11-01: Cao Jiuxin, Zhang Deyun, and Huang Yangcheng, "The Infrastructure Platform for Remote Learning", Xi'an Jiaotong University, Xi'an, China [RID11_01.doc]

RID11-02: Shuichi Fukuda, Vlaho Kostov, Akinobu Fukuzaki, and Fumikazu Konishi, "Network Shared Mechanical Design Class with Stanford: Lessons Learned", Tokyo Metropolitan Institute of Technology, Tokyo, Japan [RID11_02.doc]

RID11-04: Barbara Howell and Annet Nottingham, "Positioning E-Commerce Teaching and Learning", Leeds Metropolitan University, Leeds, UK [RID11_04.doc]

RID11-05: Zhang Hui and Zhu Miao-liang, "Learning through Doing: A Virtual Reality Based Distributed Sharing E-Learning Model Using Java&Vrml", Zhejiang University, Hangzhou, China [RID11_05.doc]

RID11-06: Shigang Cui, Tong Zheng, Zhiwei Shi, Jincheng Wang, Qingfeng Tang, and Shangxian Peng*, "Computer Simulation Tech Based Research on PLC Virtual Laboratory", Tianjin Vocational Technical Teacher's College, Tianjin, China; *Tianjin University, Tianjin, China [RID11_06.doc]

RID11-07: Shen Lianguan, Li Mujun, Li Shufang, Wu Yuting, Ma ji, Chen Dafen, Wang Qiming, and Wang Ruifang,

"Development and Practice of Web Based Course of Mechanical Drawing", University of Science & Technology of China, Hefei, China [RID11_07.doc]

RID11-09: Xian-li Yin and Ying-Jie Zhang, "The Research of Multimedia Software Based on Computer Distance-Teaching", Xi'an Jiaotong University, Xi'an, China [RID11_09.doc]

RID11-13: Wang Hong, Xie Panqing, and Chen Zaiwang, "Network Education: A New Teaching and Learning Environment", Guilin Air Force Academy, Guilin, China [RID11_13.doc]

Topic 12: New Philosophy and Methodology for Global Industrial Design (None)

Topic 13: Culture and Social Issues on EC-driven Global Manufacturing (None)

Topic 14: Networked Facilities and Plug-and-Play Technology

RID14-01: Hu Xiaodong, Zhao Wanhua, and Lu Bingheng, "Development of a Direct Rapid Tooling Method Based on TIG and CNC Technologies", Xi'an Jiaotong University, Xi'an, China [RID14_01.doc]

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