About the Contributors

**Madjid Tavana** is a Professor and Distinguished Chair of Business Systems and Analytics at La Salle University, where he served as Chairman of the Management Department and Director of the Center for Technology and Management. He is a Distinguished Research Fellow at Kennedy Space Center, Johnson Space Center, Naval Research Laboratory at Stennis Space Center, and Air Force Research Laboratory. He was recently honored with the prestigious Space Act Award by NASA. He holds a MBA, PMIS, and PhD in Management Information Systems and received his Post-Doctoral Diploma in Strategic Information Systems from the Wharton School at the University of Pennsylvania. He is the Editor-in-Chief of *Decision Analytics, International Journal of Applied Decision Sciences, International Journal of Management and Decision Making, International Journal of Strategic Decision Sciences, and International Journal of Enterprise Information Systems*. He has published several books and over 150 research papers in academic journals such as *Information Sciences, Decision Sciences, Information Systems, Interfaces, Annals of Operations Research, Advances in Space Research, Omega, Information and Management, Knowledge-Based Systems, International Journal of Production Research, Expert Systems with Applications, European Journal of Operational Research, Journal of the Operational Research Society, Computers and Operations Research, Energy Economics, Applied Soft Computing, and Energy Policy*.

**Kartikeya Puranam** is an Assistant Professor of Business Systems and Analytics at La Salle University. He received his PhD in Supply Chain Management from Rutgers Business School. He received his Master’s and bachelor’s degrees in Mechanical Engineering from the Indian Institute of Technology in Bombay. His research interests include bidding strategies in auctions, learning in sequential auctions, inventory management, marketing and operations interface, Markov chains and Markov decision processes, and supply chain management. He has published in *Operations Research Letters* and *European Journal of Operational Research*.

**Galanou Ekaterini** is an Assistant Professor in management. She obtained her PhD from the University of Nottingham (Business School), UK. Her teaching interests are Management Science, Organization Change and Design, International Business, Business Strategy, Business Leadership, Business Cycles, and Forecasting. Her research interests are Leadership, Strategical Thinking, Management Models, Change Management. She has published in journals such as *International Journal of Training and Development, International Journal of Business and Management, Archives of Economic History, Management Research Review, Advances in Applied Economics and Finance*. 
Ola Al-Laymoun is a PhD candidate at the College of Business, University of Texas at Arlington. She received her MS in Information Systems from University of Texas at Arlington in 2010. Her research interests are in Data Mining, Information Systems, and Gamification.

Abdelmalek Amine received an Engineering degree in Computer Science from the Computer Science Department of Djillali Liabes University of Sidi-Belabbes, Algeria, and PhD from the same university. He has several publications in the field of text mining. His research interests include data mining, text mining, ontology, classification, clustering, neural networks, genetic programming, biomimetic optimization method. Dr. Amine is an associate professor and the head of Mathematics and Computer Science Department of UTMS University of Saida, Algeria. He also collaborates with the “knowledge base and database” team of the TIMC laboratory at the Joseph Fourier University of Grenoble.

Hossein Arsham is the Harry Wright Distinguished Research Professor at the University of Baltimore. All of Dr. Arsham’s higher-education degrees are concentrated on modeling. He has earned his BSc in Physics from Aryam-Meher Technical University, Tehran, Iran; his MSc in Management Science from Cranefield University, UK; and DSc General Operations Research from The George Washington University, Washington, DC. Dr. Arsham’s teaching, research, and consulting activities are multidisciplinary and interdisciplinary. His research concentration includes new advances in discrete event system simulation. He has recently received The Regent’s Faculty Award for Excellence in Research from The University System of Maryland. Currently, he is teaching graduate courses at The Johns Hopkins University, Baltimore, MD.

Dennis Crossen has more than 30 years of teaching and professional experience in numerous areas of business, engineering, and applicable analytics. In his professional business career, he has managed teams in the commercial and government sectors including responsibilities as technical architect for the United Nations information network, U.S. Department of State, NASA Kennedy Space Center, the Pentagon, and other culturally diverse global organizations. Professor Crossen has been a member of several international and local standards boards, including assignments on the ACT/IAC IPv6 working group in Washington, D.C., where he co-authored a white paper for determining how large organizations would manage the implementation of Internet Protocol version 6 (IPv6). He has consulted and lectured within the continental U.S., Alaska, Cuba, Europe, Japan, the Russian Federation, and South America.

M. Deniz Dalman currently works as branding and marketing consultant based in Istanbul, Turkey. He earned his PhD in Marketing from the State University of New York at Binghamton. His research interests include branding, word-of-mouth, cross-cultural marketing, and marketing of higher education, and his publications have appeared in Innovative Marketing Journal, International Journal of Marketing Studies, Advances in Consumer Research, Academy of Marketing Science, and AMA Summer Educators’ Proceedings.
G. Scott Erickson is Professor of Marketing in the School of Business at Ithaca College, Ithaca, NY, where he has also served as Department Chair and Interim Associate Dean. He holds a PhD from Lehigh University, Masters degrees from Thunderbird and SMU, and a BA from Haverford College. He served as Fulbright Research Chair at The Monieson Centre for the Study of Knowledge-Based Enterprises at Queen’s Business School, Kingston, ON, in 2010/2011. He has published widely on intellectual capital, knowledge management, and competitive intelligence and is the Associate Editor for America of the Journal of Intelligence Studies in Business.

Reda Mohamed Hamou received an Engineering degree in Computer Science from the Computer Science Department of Djillali Liabes University of Sidi-Belabbes, Algeria, and PhD (Artificial intelligence) from the same university. He has several publications in the fields of Bioinspired and Metaheuristics. His research interests include data mining, text mining, classification, clustering, computational intelligence, neural networks, evolutionary computation, and biomimetic optimization methods. He is a head of research team in GecoDe laboratory. Dr. Hamou is an associate professor in technology faculty in UTMS University of Saida, Algeria. Dr. Reda Mohamed Hamou has published in journals such as International Journal of Applied Evolutionary Computation (IJAEC), International Journal of Applied Metaheuristic Computing (IJAMC), International Journal of Artificial Life Research (IJALR), International Journal of Chemoinformatics & Chimical Engineering (IJCCE), and International Journal of Data Mining & Emerging Technologies, among others.

N. Hemachandra is a Professor in Industrial Engineering and Operations Research, IIT Bombay. His current academic interests include various operations research methodologies like queueing models, Markov decision models, game theory, stochastic approximations, etc., and their applications for decision making in logistics, supply chains, communication networks, power systems.

Konstantin Hopf is a research associate of the Energy Efficient Systems group at the University of Bamberg in Germany. He holds BSc and MSc in Business Information Systems from the University of Bamberg. His research interests are machine learning, statistics, and smart metering.

Md. Hossain was born in Dhaka, Bangladesh, in 1967. He received BSc degree in Electrical and Electronics Engineering from Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh, in 1992. He is currently pursuing his MSc degree in Computer Science and Engineering from North South University, Dhaka, Bangladesh. He has been working as Deputy General Manager – IT in Tradesworth Group, Bangladesh, since 2001. He also worked as a senior computer programmer and software developer in Electronics and Computers Ltd., Bangladesh, from 1997 to 2000. From 1995 to 1997, he worked as a software developer in Aurora System Ltd., Bangladesh. He has published two scientific papers in the field of data mining and fuzzy logic. His current research interest is in database, data mining, and software engineering, especially development of efficient library management software by incorporating knowledge engineering techniques.
Michelle Jeong is a Doctoral student at the Annenberg School for Communication at the University of Pennsylvania. She holds a BA and MA in Communication, both from the University of Pennsylvania. Her primary areas of interest are in health communication and the role of interpersonal communication in the context of mass media, and she is currently exploring the possibilities of applying opinion mining methodology to such areas. Her research has appeared in journals such as American Journal of Preventive Medicine and Journal of Nutrition Education and Behavior.

Seung Ryul Jeong is a Professor in the Graduate School of Business IT at Kookmin University, Korea. He holds a BA in Economics from Sogang University, Korea, an MS in MIS from University of Wisconsin, and a PhD in MIS from the University of South Carolina, USA. Dr. Jeong has published extensively in the information systems field, with over 60 publications in refereed journals like Journal of MIS, Communications of the ACM, Information and Management, Journal of Systems and Software, among others. Dr. Jeong’s areas of interest are Opinion Mining, Process Management, Software Engineering, and Information Resource Management.

Sema Kalaian is a Professor of Statistics and Research Methods in the College of Technology at Eastern Michigan University. She received her Masters and Ph. D. in Quantitative Research Methods from Michigan State University. Professor Kalaian was a recipient of the (1) “Best Paper” award from the American Educational Research Association (AERA), and (2) “Distinguished Paper Award” from the Society for the Advancement of Information Systems (SAIS). Over the years, Dr. Kalaian taught introductory and advanced statistical courses such as Research Methods, Research Design, Multivariate Statistics, Regression Analysis, Survey Research, Multilevel Modeling, Structural Equation Modeling, Meta-Analysis, and Program Evaluation. Professor Kalaian’s research interests focus on the development of new statistical methods and its applications. Much of her methodological developments and applications have focused on the (a) development of the multivariate meta-analytic techniques for combining evidence from multiple primary studies, (b) applications of the meta-analysis methods to various projects in different fields of study, and (c) developments of statistical methods for analyzing Delphi survey data.

Kijpokin Kasemsap received his BEng degree in Mechanical Engineering from King Mongkut’s University of Technology Thonburi, his MBA degree from Ramkhamhaeng University, and his DBA degree in Human Resource Management from Suan Sunandha Rajabhat University. He is a Special Lecturer at Faculty of Management Sciences, Suan Sunandha Rajabhat University based in Bangkok, Thailand. He is a Member of International Association of Engineers (IAENG), International Association of Engineers and Scientists (IAEST), International Economics Development and Research Center (IEDRC), International Association of Computer Science and Information Technology (IACSIT), International Foundation for Research and Development (IFRD), and International Innovative Scientific and Research Organization (IISRO). He also serves on the International Advisory Committee (IAC) for International Association of Academicians and Researchers (INAAR). He has numerous original research articles in top international journals, conference proceedings, and book chapters on business management, human resource management, and knowledge management published internationally.
Rafa Kasim is a professor of statistics and research design in the College of Education at Indiana Tech University. He also works in the private sector as a statistician and research consultant. Previously, he was a senior statistician at the Evaluation, Management & Training Associates Inc. (EMT). He received his Masters and Ph. D. in Quantitative Research Methods from Michigan State University. His research focused on the application of multilevel analysis to study the effects of educational and social contexts on educational outcomes and human development in large-scale longitudinal data sets. Some of Dr. Kasim’s work has also addressed the issues of selection and attrition bias in multi-site large studies. He has collaborated on numerous studies in fields such as adult literacy, education, and substance abuse treatments. Some of his work appears in a book chapter in Application of Multilevel Models, Journal of Educational and Behavioral Statistics, Harvard Educational Review, and Advances in Health Sciences Education.

Marios I. Katsioloudes is a Professor in Management. He obtained his PhD in Management from the University of Pennsylvania, USA. His teaching interests are Strategic Management, International Business, Entrepreneurship, Change Management, and Innovation and Leadership. His research interests are strategic management in the for-profit and nonprofit sectors and the participation of employees in the process, strategic planning process in the SMEs, challenges, issues, motivations of entrepreneurs in a number of countries, and field research and write-up of case studies in the above areas. He has published in journals such as Economics Management and Financial Markets, Int. J. Entrepreneurial Venturing International Journal for Business Innovation and Research, International Journal of Foresight and Innovation Policy, Journal of Business Strategy, Management Research Review.


Abbas Keramati is an Associate Professor of Industrial and Systems Engineering at the University of Tehran. He received his BS, MS, and PhD from Sharif University of Technology, University of Tehran and Tarbiat Modarres University in Iran, respectively. He received the 2007–2008 Teaching Award at the College of Engineering, University of Tehran. He has published several papers in international journals such as International Journal of Production Research, Industrial Marketing Management, and Applied Soft Computing. He is interested on topics in IT/IS investment evaluation, CRM, multivariate analysis, and intelligent systems and modeling.
About the Contributors

**Yoosin Kim** is a visiting researcher at the College of Business at the University of Texas – Arlington. He received a PhD in Management Information Systems from Kookmin University, Korea. He had worked at Accenture as a Data Scientist, SK C&C as an Application Analyst, and ICT consulting companies as an IS expert for over 10 years in financial, medical, and e-commerce fields. His current research interests include stock prediction, consumer behavior analysis, customer complaint assessment, social media monitoring, and market sensing based on social big data analysis. His research has appeared in journals such as *Journal of Intelligent Information System, Journal of Internet Computing and Services*, and *International Journal of Advances in Soft Computing and Applications*.

**Salim Lahmiri** is with ESCA School of Management in Casablanca, Morocco. He holds a PhD degree in Cognitive Informatics from UQAM and a Master’s of Engineering (MEng) from École de Technologie Supérieure, Montreal, Canada. His research interests are in pattern recognition, intelligent decision systems, and times series analysis and forecasting.


**Deshabrata Roy Mahapatra** is a Doctoral student at the Department of Applied Mathematics with Oceanology and Computer Programming of Vidyasagar University, West Bengal, India. He holds a MSc and BSc in Applied Mathematics from Kalyani University in India. His research interests are in Transportation Problem, Multi Choice Programming, and Fuzzy Set Theory. Deshabrata Roy Mahapatra has published in journals such as *The Journal of Fuzzy Mathematics*, *Journal of Uncertain Systems*, *International Journal of Mathematics and Scientific Computing Advanced Modelling and Optimization*, *Bulletin of Calcutta Mathematical Society*, *Applied Mathematical Modelling*, *Journal of Physical Sciences*.

**Junhong Min** is an assistant professor of Marketing at Michigan Technological University. He earned his PhD in Marketing from the State University of New York at Binghamton and Master’s of Marketing Research degree from the Southern Illinois University at Edwardsville, USA. Prior to joining his university, he used to work for Nielsen, NY, and Matritz Marketing Research, MO, USA. His publications have appeared in *Journal of Behavioral Decision Making, Innovative Marketing Journal, Advances in Consumer Research, European Advances in Consumer Research, Decision Science Institute, Society for Marketing Advances*, and *Academy of Marketing Science*. 
**Damijan Mumel** obtained his Doctorate in Psychology at University of Ljubljana, Slovenia. He works as a Professor of Marketing at the University of Maribor, Faculty of Economics and Business. He is a Head of Marketing institute and Vice Dean for Research. His main areas of interest and also lecturing are consumer behaviour, research methodology, qualitative research, and communication. He presents his work at international scientific conferences and publishes original scientific papers in domestic and foreign scientific journals. He is a member of the Slovenian Marketing Association, the Slovenian Psychologists’ Association, as well as European Marketing Academy (EMAC). Recently, he focuses more on the management of the Faculty of Economics and Business.

**Marius Octavian Olaru** received his Bachelor’s and Master’s Degree in Information Engineering, both cum laude, and his PhD in Information and Communication Technology from the Department of Engineering “Enzo Ferrari,” University of Modena and Reggio Emilia, Italy. His research interests are mainly focused on data integration, semantics, data warehousing, business intelligence, and business strategies. His research results have been published in national and international conferences.

**Patrick C. Olson** is a Professor at National University. He earned his PhD in the Management of Information Systems at Claremont Graduate School. He also holds a Master of Science in Systems Management from the University of Southern California and Bachelor of Arts in Communications from University of Montana. He worked in industry at Hughes Aircraft and held administrative and faculty positions in higher education since 1988. He was on the team that deployed the first commercial Cisco Voice Over IP enterprise system. Dr. Olson has served as an Examiner for the State of California Malcolm Balridge Quality Awards.

**Amin Omidvar** received his BS in Information Technology from Amirkabir University of Technology (2009-Iran), and his MS in E-Commerce from Amirkabir University (2012-Iran). He is currently a data engineer and researcher of data mining leaders company, Tehran, Iran. He taught undergraduate and graduate courses in Information Technology with emphasis on data mining and data engineering at Amirkabir University. Amin Omidvar is involved in researches in Business Intelligence (BI), Data Mining, Text Mining, Knowledge Management (KM), Social Network Analysis (SNA), Reputation and Trust in Social Networks, Anti Money Laundering (AML), Fraud Detection, and Applying Data Mining in E-Learning Environments. He has published 16 papers at national and international conferences and journals.

**In Lih Ong** is currently a Master’s degree student of Computer Science at Universiti Tunku Abdul Rahman. She has also obtained her Bachelor’s degree in Computer Science from Universiti Tunku Abdul Rahman. Her research interests lie in the areas of business intelligence and management information systems. She has worked as a research assistant in Faculty of Engineering and Science, Universiti Tunku Abdul Rahman, for the past two years. She is involved in conducting background research on maturity models for business intelligence as well as conducting data collection and analysis in Malaysian organizations. She has published her research work in a variety of journals and conference proceedings.
About the Contributors

Ceyhun Ozgur is a professor of information and decision sciences in the College of Business at Valparaiso University. He earned a BS in Industrial Management, a MS in Management from the University of Akron, and a PhD in Business (Operation Management/Operations Research) from Kent State University. He published a textbook by McGraw-Hill titled Introduction to Management Science with Spreadsheets with William J. Stevenson. Among others, Dr. Ozgur has published in Operations Management Research, Decision Sciences Journal of Innovative Education, Quality Management, Production Planning & Control, INTERFACES, and OMEGA.

Rashedur M. Rahman is working as an Associate Professor in Electrical and Computer Engineering Department in North South University, Dhaka, Bangladesh. He received his PhD in Computer Science from University of Calgary, Canada, and Master’s from University of Manitoba, Canada, in 2007 and 2003, respectively. He has published more than 60 research articles in peer-reviewed journals and conference proceedings, mainly in the area of parallel, distributed, grid, and cloud computing, knowledge and data engineering. His current research interest is in data mining particularly on financial, medical and educational data, data replication on grid, cloud load characterization, optimization of cloud resource placements, and computational finance. He has been serving in the editorial board of a number of journals in the knowledge and data engineering field. He also served as reviewer of couple of journals published by Elsevier, Springer, and Wiley. He also serves as an organizing committee member of different international conferences organized by IEEE and ACM in home and abroad.

Helen Rothenberg is Professor of Strategy in the School of Management at Marist College, Poughkeepsie, NY. She holds a PhD and MPhil from City University Graduate Center, and an MBA from Baruch College, CUNY. She is on the faculty of the Fuld-Gilad-Herring Academy of Competitive Intelligence and is principal of HNR Associates. She has published extensively on topics including competitive intelligence and knowledge management. Helen’s latest book, with Scott Erickson, is Intelligence in Action: Strategically Managing Knowledge Assets, published by Palgrave Macmillan in 2012.


Puja Sahu is a research scholar in Industrial Engineering and Operations Research, IIT Bombay, working with Prof. N. Hemachandra. Her thesis is based on “Adaptive Learning with Support Vector Machines.” Her research interests lie in the topics like Support Vector Machines, Machine Learning, and Statistical Learning Theory.

Tanja Sedej holds MSc in Business and Economic Science and is a Doctoral candidate at the Faculty of Business and Economics, University of Maribor, Slovenia. She is a founder and director of Research and Research, LLC, and has more than 10 years of practical experience from the field of marketing and communication. She is also author and co-author of several scientific and expert papers from the field of marketing, corporate communication, entrepreneurship, and international economy.

Shaya Sheikh obtained his Ph.D. from Case Western Reserve University in 2013. He has worked as Scheduling and Optimization Scientist in Lancaster Laboratories and as adjunct faculty instructor in Virginia Commonwealth University. He is now a visiting assistant professor at the University of Baltimore. He has published about 20 papers in technical journals and conference proceedings. In his work, multiple criteria decision making and sequencing theories are developed and applied to solve a variety of business problems.

Pei Hwa Siew is an Assistant Professor in the Department of Multimedia Design & Animation, Faculty of Creative Industries at the Universiti Tunku Abdul Rahman. She obtained her PhD in Information Science, Master’s degree in Information Technology, and Bachelor’s degree in Psychology from National University of Malaysia. Her areas of research and teaching interest have expanded into the field of information systems, e-commerce, multimedia design and development, and research methodology in IS. Throughout her career, she has conducted many academic and applied researches and published numerous articles and book chapters. Her current research topics are on multimedia learning, business intelligence, and information technology acceptance and appropriation. She has delivered many courses in the areas of multimedia learning, multimedia design and development, e-commerce, etc. for more than 10 years. She has also been actively involved in many conferences and has been an active reviewer for several journals and many conferences.

Riyaz Sikora is an Associate Professor of Information Systems at College of Business, University of Texas at Arlington. He received his PhD from the University of Illinois at Urbana-Champaign. His current research interests are in the area of learning in multi-agent information systems, machine learning, data mining, and business applications of evolutionary computation. He is a senior editor for Journal of Information Systems and e-Business Management, serves on the editorial boards of the Journal of Database Management and International Journal of Intelligent Information Technologies, and is a founding co-chair of the Association of Information Systems SIG on Agent-based Information Systems.
About the Contributors

Alan D. Smith is presently University Professor of Operations Management in the Department of Management and Marketing at Robert Morris University, located in Pittsburgh, PA. Previously, he was Chair of the Department of Quantitative and Natural Sciences and Coordinator of Engineering Programs at the same institution, as well as Associate Professor of Business Administration and Director of Coal Mining Administration at Eastern Kentucky University. He holds concurrent PhDs in Engineering Systems/Education from The University of Akron and in Business Administration (OM and MIS) from Kent State University. He is the author of numerous articles and book chapters.

Mariya Sodenkamp is a director of Data and Decision Analytics Lab at the University of Bamberg in Germany and a senior researcher at Bits to Energy Lab, a joint research initiative of ETH Zürich, University of Bamberg, and University of St. Gallen. She holds a PhD in Business Information Systems from the University of Paderborn, as well as a MSc in Computer Science and a BSc in Economics. Her research interests are decision support systems, data analytics, energy-efficient systems, multi-criteria analysis, and uncertainty modeling. Dr. Sodenkamp has several publications in referred scholar journals and book chapters.

Thorsten Staake is full professor of MIS, specializing in Energy Efficient Systems, at the University of Bamberg, Germany. He is also director of the Bits to Energy Lab, a joint research initiative of ETH Zurich, the University of St. Gallen, and the University of Bamberg. His work is dedicated to bringing together information technology with insights from behavioral science to build products that motivate and help consumers to conserve energy. Prior to his appointment at Bamberg, Thorsten worked as chair of Information Management at ETH Zurich, in the Auto-ID Labs at the Massachusetts Institute of Technology, Infineon Technologies, and Clariant. He holds a PhD in business administration from the University of St. Gallen and a diploma in Electrical Engineering from TU Darmstadt. Thorsten is also cofounder of two clean-tech startups, Amphiro AG and BEN Energy AG.

Kathryn Szabat is an Associate Professor in the Business Systems and Analytics Department at La Salle. She received her PhD in Statistics, with cognate field in Operations Research, from the Wharton School of University of Pennsylvania. Dr. Szabat’s instructional responsibilities include teaching of business statistics and management science to undergraduate and MBA students. Her current interests include promoting the inclusion of business analytics in business school curricula and the development of analytical capabilities of business students. Dr. Szabat’s research has been published in *International Journal of Applied Decision Sciences, Accounting Education, Journal of Applied Business and Economics, Journal of Healthcare Management*, and *Journal of Management Studies*. Scholarly chapters have appeared in *Managing Adaptability, Intervention, and People in Enterprise Information Systems; Managing Trade, Economies, and International Business; Encyclopedia of Statistics in Behavioral Science;* and *Statistical Methods in Longitudinal Research*. She is currently a co-author of two statistics textbooks: *Statistics for Managers Using Microsoft Excel* and *Basic Business Statistics.*
**About the Contributors**

**David Vequist** is the Founder and Director of the Social Predictive Analytics Institute (SPA®). Dr. Vequist has years of experience in consulting with corporations on technology implementations (including data warehousing, ERP, and CRM systems), developing integrated technology solutions and as an executive in the healthcare and nonprofit sectors. He is also a Professor of Management in the H-E-B School of Business & Administration at the University of the Incarnate Word (UIW) in San Antonio, Texas, USA. He is an accomplished speaker, author, researcher, and futurist on the topic of social media analytics, training, development, leadership, medical tourism, and technology management.

**Maurizio Vincini** received his Master’s degree in Computer Engineer and his PhD in Electronic and Computer Engineer from University of Modena, Italy. He is currently associate professor of Computer Engineering at the Engineer Department of the University of Modena e Reggio Emilia, Italy. Maurizio Vincini teaches Fundamentals of Computer Science, Database Technologies, and Information Systems at the Faculty of Information Engineering of the University of Modena and Reggio Emilia. His research activity has been mainly devoted to information management and knowledge representation, with a particular reference to information integration of heterogeneous sources by means of ontologies and representation languages based on Semantic Web. He has published papers in international journals and international and national conferences in the area of Web information integration and virtual enterprises information systems, defining semantic representation models for ontologies. He participated to national and European Community-Funded research projects.

**Coleen Wilder** is an assistant professor of information and decision sciences in the College of Business at Valparaiso University. She earned a BS in Mathematics Education from Indiana University and an MBA with concentrations in Finance and Operations Management from the University of Chicago. Her PhD is in Management Science from the Illinois Institute of Technology. Dr. Wilder has 18 years of experience in the steel industry and 5 years in the real estate industry.

**Nilofar Yousefi** is a second-year PhD student in Dept. of Industrial Engineering. She is working in Machine Learning Lab at the Dept. of Electrical and Computer Science. She is currently doing her research in Support Vector Machine and Kernel-based method. She received a Bachelor of Science in Applied Math and a Master’s of Science in Operation Research.