

SAVE International

2009 Conference Speaker

Biographies

SAVE International conference attendees frequently request background information on speakers who present at the annual conference. Below are speaker biographies for the 2009 Annual Conference, in alphabetical order by last name. For conference information, check the SAVE International website (www.value-eng.org).

Abdulaziz S. Al-Yousefi, CVS-Life, FSAVE

Abdulaziz Al-Yousefi is the founder and owner of the first value engineering office in the Arab world. He is a Certified Value Specialist and the only Arab to be inducted as a Fellow of SAVE International. He has served as the president of SAVE's Gulf Chapter and as the general secretary of the Saudi Council of Engineers and the vice president of the Arabian Gulf chapter of the Project Management Institute. He currently serves as a board member of the SAVE International Certification Board, Saudi Council of Engineers, King Abdulaziz Quality Award, and Saudi National Quality Award. Al-Yousefi has over 25 years of experience in value engineering, life cycle costing, project management, and design reviews of large scale projects. He has led more than 200 value study workshops in construction, oil and gas, industry, operation and maintenance, and management processes. He has conducted more than 150 training courses in value engineering, project management, quality management, and life cycle costing.

Andrea L. Ball, MLS, AVS, MSIM

Andrea, Ball, a consultant with Olympic Associates, has been a value practitioner since 2007. She has an extensive background in information management having been involved in instruction, analysis and dissemination of information since the early 1980s. A para-geek at heart, Ball believes that the proper and appropriate use of technology can have a profoundly positive impact on the communication of ideas.

Kenton H. Barker, AVS



Kent Barker is a lead value engineer for the Security Technologies division of Ingersoll Rand. He has led value analysis projects on existing products and provided value engineering support to new product development teams at Ingersoll Rand for over five years. He has also used the value methodology job plan to conduct kaizen events to improve internal business processes at Ingersoll Rand. Kent has over 19 years experience in product design, advanced development, and manufacturing engineering with Ingersoll Rand, Autoliv, Crosman Airguns, General Railway Signal, and IBM. He has a bachelor of science in mechanical engineering from the University

of Colorado. He is an Associate Value Specialist and is a member of the Lawrence D. Miles Value Foundation Board of Directors.

Lori Braase, AVS

Lori Braase is the lead for the Facilitation and Consultation Services Group in the systems engineering department at the Idaho National Laboratory (INL). In addition, she manages the value engineering program for the INL and serves as the systems engineer on a key Department of Energy nuclear program. Her 18 years of experience includes management, systems engineering, technical and large group facilitation, VE, decision analysis, and strategic planning. Braase has a master's certificate (14-credit) in applied nuclear energy and a BBA in business management, both from Idaho State University. She has been an active member of SAVE International since 1995, and received her Associate Value Specialist certificate in 2001.

Michael F. Dallas, MA(Cantab), CEng, MICE, FIVM, MAPM



Michael Dallas is the founding partner of Davis Langdon's 25 strong value and risk management team and has responsibilities covering the whole of DLSI. The team operate worldwide and have qualified representatives in all regions of UK, the Middle East and USA. He is a recognised international expert within the fields of value and risk management, is a published author and regular speaker at international events. He has conducted studies over the past 20 years at all stages of project development and in all sectors of construction. These include buildings, bridges, airports, oil and gas facilities, railways, infrastructure and chemical process facilities.

Alison Conner, CVS

During Conner's tenure at the Idaho National Engineering Laboratory, she has spent most of her time working as a systems and value engineer. She utilizes advanced systems engineering and project management skills to effectively plan, manage, and conduct multi-disciplined projects that meet customer requirements and expectations. She has a Bachelor of Science degree in engineering and a master of engineering degree in engineering management. She is life-certified as a Certified Value Specialist with SAVE International.

Peter Hanik, PE

Peter Hanik, PE, is the founder and president of Pretium Innovation, LLC, a firm providing assistance to clients to generate sustainable economic value through structured innovation methods. Prior to founding Pretium, Hanik was senior vice president of technology at Millennium Chemicals, president and CEO of Millennium Chemicals, vice president of chemicals and supply chain at Quantum Chemical, vice president of re-engineering and information systems at Quantum Chemical, director of applied research and technical service at Quantum Chemical, regional sales manager at Northern Petrochemical, engineering manager at Northern Petrochemical, and production superintendent at Northern Petrochemical. He began his career as a systems engineer developing computer-based process models and advanced computer control systems. Hanik holds a B.S. degree in chemical engineering from the Illinois Institute of Technology and an M.B.A. from the University of Chicago. Hanik is a registered professional engineer.

Ronald L. Harris, PE



Ronald Harris and his associates provide “Integrated Value Based, and Systems Focused, Life Cycle Assistance and/or Solutions” to organizations primarily in North American (Mexico, Canada, and the USA).

Harris adapted VE as his core methodology about two years before joining Buick in 1964. He presented his first SAVE paper at the 1968, 8th Annual SAVE Conference in Atlanta, Georgia.

Harris has held technical and management positions with Buick Advance Design, Product Planning, Manufacturing Development Staff, GM Corporate VM Committee Chairman and Steering Committee Member, Dolza International Engineering (Engineer-in-Charge, Italian and French clients), ALCOA Automotive & Home Products subsidiary (Engineering Systems Manager).

Chang-Taek Hyun, Ph.D., PE



Chang-Taek Hyun is a professor at the University of Seoul, where he is currently engaged in the program of construction engineering and management, focusing particularly on VE and contract. He has more than 20 years of academic experience and has worked for more than seven years as a professional engineer, both in the private and public sectors. He is also a leading light in the field of VE in Korea, having conducted many VE workshops for government offices and private construction firms throughout Korea and having written several VE manuals and academic papers related to VE and construction management. He is currently the president of the Korea Construction VE Research Institute and delivers lectures on construction management related subjects, including VE, project delivery system, and cost management. He currently participates in a couple of R&D by the Ministry of Construction and Transportation and is a project inventor of and R&D project titled “The Development of Construction Management System for Mega Project.”

Chi-Sung In, CVS, CCM



Chi-Sung In, CVS, CCM, currently works at Korea Construction VE Research Institute (KCVE) as a full-time researcher and ITM Corporation as a part-time worker for construction management, supervision, and project development. He is in charge of the value engineering department and of promotion of value engineering in his firm. He has implemented, led, and facilitated many VE workshops for civil works, governmental offices, department buildings, harbors, etc. He was awarded the gold prize for the VE contest held by the Korean Ministry of National Defense in 2007. He has presented at the SAVE International Annual Conference twice with the theme of “Improvement of

Function Analysis for Construction VE Processing Using Hierarchical Concept Modules” in 2005, and “A Study on the Consecutiveness of the Function Analysis and Idea Creation Phase with Function Integration and Hierarchical Value Engineering Concept Modules” in 2008. In has been a co-instructor for the Module I workshop since 2006.

Margie Jeffs, AVS

Margie Jeffs has over 20 years experience in business management, electrical contracting, human resources, facilitation, and training. She is new to systems and value engineering and is enjoying this area very much. She has a B.S. degree in psychology from Idaho State University. She earned a post-bachelor's 15-credit certificate in human performance improvement and is currently working on her master's degree in adult and organizational learning, both from the University of Idaho. Jeffs obtained her AVS in June, 2008, and has been a member of SAVE International also since 2008.

Warren A. Knoles, PE, AVS



Warren A. Knoles, PE, AVS, has over 30 years experience with Crawford, Murphy & Tilly, Inc. (CMT), a 260-person civil/transportation engineering firm. Prior to joining CMT, Knoles spent seven years with the Illinois Department of Transportation. Knoles is currently senior vice president and chief operating officer of CMT, serves as the project principal and technical advisor for transportation and land development projects, and provides VE consulting services. Professional affiliations include American Society of Civil Engineers, National Society of Professional Engineers, Institute of Transportation Engineers, International Bridge, Tunnel and Turnpike Association, American Society for Quality Control, and SAVE International.

Gue-Whan Lee



Gue-Whan Lee has been an architectural design specialist for the last 18 years with DNA-eye architectural design company. He was charged with designing for buildings, housing complexes, environmental plants for 10 years and participated in the Samsung Everland Water Park projects in 1996. Especially, he was responsible for condominium and amusement facilities in DUELL International Co. in Korea and high quality housing projects. He had taken the Module II seminar in 2007, and works for the Gachinuri Co. in the field of engineering works, landscape architecture. He is interested in VE as an architect to develop his own business area.

Jong-Kwon Lim, Ph.D., CVS



Dr. Jong-Kwon Lim is a CEO of Infra Asset Management. He is one of the most important experts for value engineering field of civil infrastructure systems in Korea, such as bridges, tunnels, ports, transits, railroads, and so on. He has carried out a number of VE services at design stage of 54 major domestic construction projects since 2000 including 24 highways & bridges, 12 subways, 5 railroads, 2 industrial complex, 6 ports, 3 dams, 1 tidal power plant, 1 ski-slope. He had mastered Ph.D. course with life cycle cost analysis for bridges considering structural reliability and optimization method. He has performed many research projects for life cycle cost analysis and value analysis, as a results he has published many technical research reports on the life cycle cost analysis model and maintenance cost estimation model for infrastructures such as bridges, roads, dams, water supply facilities.

Maria Malagrida, AVS



Maria Malagrida, AVS, is currently Global VE Manager for the Autoliv Seat Belt Development Division. After graduating from electronic engineering, she joined Autoliv Spain in 1995. In 2006, Malagrida and her family moved to Michigan to work for Autoliv North America as Seat Belts VE Manager. Her first contact with VE was through a VA tear-down training facilitated by Yoshikiko Sato and James A. Rains, Jr.; soon after this she pursued her AVS certification. During her assignment in the U.S.A., she strongly pushed the use of VE techniques and practices. By now she has conducted more than 30 VE and

VA tear-down studies. Today she is in other international assignment in Germany applying VE in early global product development.

Jay Mandelbaum, Ph.D.



Dr. Jay Mandelbaum is a research staff member at the Institute for Defense Analyses. His research is focused on conducting technology readiness assessments in the context of the defense acquisition process; establishing best quality assurance and systems engineering practices for defense programs; improving how DoD acquires new equipment and services via changes to management systems, procedures, policy and guidance; identifying best practices for value engineering in DoD; and examining the defense travel system. Dr. Mandelbaum joined IDA in April, 2004, after a 30 year career with the federal government. From 2002 to 2004, Dr. Mandelbaum was a member of the systems engineering staff under the director of defense systems in the

Office of the Under Secretary of Defense for Acquisition, Technology and Logistics. He led DoD's value engineering program and also managed an effort to reduce total ownership costs of defense systems. In addition, his responsibilities included reliability, maintainability and sustainability policy for Defense Systems. Dr. Mandelbaum received his M.S. and D.Sc. in operations research from The George Washington University in 1976 and 1982, respectively. He earned a B.S. in physics from Rutgers University in 1969.

Darcie M. Martinson, AVS

Darcie Martinson has over 20 years experience in management, facilitation, and application of industrial engineering, systems engineering, and value engineering tools and techniques. She has facilitated and led many value engineering, problem solving, decision making, brainstorming, strategic planning, team building, organizational improvement, cost reduction, process improvement, and change management meetings and workshops. She obtained an AVS designation in 1990. Martinson holds a B.S. degree in industrial and management engineering from Montana State University and currently works as a systems engineer at Idaho National Laboratory.

Setsuo Matsuda, CVS

Setsuo Matsuda joined Fujita Corporation in 1973. Currently, he serves as Executive Consultant for Value Engineering at Safety, Quality and Environmental Division and is responsible for company-wide VE promotion activities. He has been specialized in VE for more than 18 years and engaged in numerous VE projects and training activities within Fujita. While he worked at Nagoya Branch of Fujita, he participated in SJVE Central Chapter activities including the studies conducted by the Construction VE Study Group on the development of "2-hour VE" technique to conduct more efficient VE studies. This technique has been paid

much attention as a new simplified VE method, which may contribute greatly to the advancement of the Construction Industry in the new era.

Ferenc Nádasdi, Ph.D., CVS-Life, FSAVE



Ferenc Nádasdi, Ph.D., CVS-Life, FSAVE, is a certified mechanical engineer, certified industrial engineer and professor of the College of Dunaújváros and the University of West-Hungary where he delivers lectures on value management. During the recent 25 years, Nádasdi participated in about 500 value methodology projects as head of theme, head of team, member of team, expert, thesis consultant, etc. He has written more than 100 studies, professional articles, and books. He is the vice president of the Society of Hungarian Value Analysts (SHVA).

Yoshio Nakagami, CVS, FSAVE

Yoshio Nakagami is CVS, fellow of SAVE International, certified professional engineer in management engineering and certified management consultant by All-Japan Federation of Management Organizations. He is lecturer at the SANNO University, Department of Management Information and also advisor of Society of Japanese Value Engineering (SJVE). He is specialized in problem solving with the use of managerial techniques and project management. He has led many value improvement projects for a wide range of business types such as electric equipment, automotive parts, civil and architectural engineering, government organizations, etc. at SANNO. He is one of the three main editors of the latest SJVE's publication "Value Engineering Handbook". He has written a number of papers and books on VE.

In-II Namkung, AVS



In-II Namkung works with Gachinuri Corporation, a professional VE organization. He is a member of the Korea Construction Research Institute, Seoul, and is an Associate Value Specialist. His original technical background lies in building design, construction for offices, houses, hospital, and airports, etc. In addition to value management techniques and methodology, he was charged in writing a VE manual for an international airport construction project as a value specialist. He implemented many VE projects last year, such as a department store, multi-housing projects (apartment buildings), harbors, and civil works. He was awarded the gold prize for the VE contest held by the Korea District Heating Corporation in 2007. His particular interest in VM is the effectiveness of the relationship between function and idea creation and idea evaluation. With his experience of more than 22 years in construction engineering and design, he is willing to develop construction-oriented VE procedures for systematic VM application.

Katsuyuki Noda, CVS

Katsuyuki Noda, CVS joined AISIN SEIKI Co., Ltd. in 1966, assumed the position of General Manager for Target Costing Department in 1992. He has been VE Advisor for AISIN, Development, Co., Ltd. which is a group company of AISIN SEIKI since 2005. He has served SJVE in many capacities including member of the planning committee for SJVE Central Japan Chapter, vice chairman and chairman of SJVE conference steering committee. He received outstanding VE promotion service award from SJVE in 1998 and 2007. His professional qualifications include CVS certification obtained in 1996, and certified management consultant certified by All-Japan Federation of Management Organizations in 2000.

Steven Paget, CVS, LEED AP

Steven Paget, a consultant with Olympic Associates, combines his passion for sustainable design with value management working with municipalities, the state and federal governments, school districts, higher education, and the private sector. He is continually exploring new technologies for sparking innovation and enhancing the development and communication of ideas.

Heung-Min Park, CVS



Heungmin Park has been in charge of the value analysis (VA) program for Infra Asset Management Corporation since 2002. He is one of the most active experts for value engineering field of civil infrastructures in Korea.

Park has been invited to lead VE workshop at various projects and seminars in Korea. Recently he has been served as Instructor to Korea University. Park is an expert in integrating project management tools and value management tools. A key component of this integration has been his development of a project performance measurement tool, allowing the scope of a public works project to be quantified and measured, and the integration of risk management and value management tools.

Mike Pearsall, P.Eng., CVS

Michael Pearsall is the head of the planning and design section for the Ontario Ministry of Transportation in their northeastern region out of North Bay. Pearsall graduated from Queen's University at Kingston with a B.A.Sc.(hons) in civil engineering in 1992. He started working for the Ministry of Transportation as a student in 1989, and has continued there for the 17 years since his graduation. His career has mainly been involved with the planning, design, and construction of highways. Pearsall has been involved with value engineering with the Ministry since December, 1996, and functions as the value engineering coordinator for the northeastern region for 10 years. Pearsall spends his spare time with his two sons or dreaming about antique cars.

Jeffrey Plant, P.Eng.

Jeffrey Plant is an accomplished project manager with over 30 years of transportation, environmental, and building project experience for a variety of clients including government ministries, departments and agencies, international financial institutions, design-build contractors, private developers, concessionaires, building owners, facility managers, railways, municipalities, first nations, and industries. He has worked on infrastructure projects in over 30 countries and has been a persistent advocate of value engineering. A registered professional engineer, Plant has a bachelor's degree from the University of Waterloo and a Masters of Business Administration from the University of Toronto. For almost 10 years he was co-owner of a general contracting company in the Greater Toronto Area specializing in heavy civil and ICI building projects. He currently acts as an independent engineer on design-build and PPP projects on behalf of general contractors, financial institutions, concession companies and owners.

Robert Prager, PE, CVS

Robert Prager's experience in water resources engineering spans roughly 35 years and much of North America. He has worked as a designer, owner's representative and project reviewer. Prager co-founded Intuition & Logic, a river restoration firm, 15 years ago and began bringing his experience in river mechanics,

hydraulics, flood protection and restoration to value engineering projects as well. After many studies as a team member, Prager became a CVS in 2008, and leads teams for Strategic Value Solutions, Inc.

Prabhakar Ragavendra



Ragavendra Prabhakar is a design analyst in Innovation Team within Satyam IES. He has over four years of technical experience in the field innovation, product design and development in varied engineering projects. His area of specialization is new product development using Design for Six Sigma. He has executed many projects involving product design, simulation, prototyping and testing. Ragavendra has experience in consumer products and automobile industry. He is a Certified Six Sigma Green Belt practitioner. He has submitted for five disclosures for patent. Ragavendra started his career as a design engineer in the R&D section of an automotive ancillary manufacturing company and after gaining two years of experience he joined with Satyam. He has a degree in mechanical engineering from Madras University.

James A. Rains, Jr., CVS-Life, FSAVE

James (Jim) Rains is president of the Advanced Value Group, LLC (AVG). AVG specializes in value engineering (manufacturing, services and construction), competitive tear-down benchmarking and synchronous process improvements (lean manufacturing) in the factory and/or office environment. AVG has extensive expertise in material flow analysis to streamline material handling paths and reduce costs associated with material handling. Training in target costing, which includes quality function deployment and “Voice of the Customer” are also a part of AVG’s long list of services. The services of AVG are performed around the globe. Rains is retired after more than 32 years with General Motors. He has served on the SAVE International board of directors in several capacities, including president and chairman. Rains became a Certified Value Specialist in 1988, and is currently a Life-CVS. He was elected into the SAVE College of Fellows in 2002. He is a member of the Lawrence D. Miles Value Foundation board of directors, executive committee, and treasurer.

Yoshihiko Sato, CVS, FSAVE

Yoshihiko Sato is President of the Value & Profit Management Technical Institute. In 1963, he began his career with Isuzu, working in the Production Engineering Department. In 1972 he was assigned to the Cost Planning Department where he developed the "Tear Down" process as a way to enhance value engineering studies. In 1988 he became certified as CVS by Society of American Value Engineers (SAVE). In 1993 he became General Manager of the Isuzu Cost Management Department. Two years later he received the VE Promotion Award from Society of Japan Value Engineering (SJVE), and that same year was elected a Fellow of SAVE. He established VPM Technical Institute Inc. in 1997, and became its president in 1999. Mr. Sato has published papers and lectured on Value Engineering concepts throughout the world, and has authored four books including “All of the Tear-Down” which was translated into Chinese and English.

Myung-Sub Son, CVS



Myung-Sub Son currently works for Sangah Management Consulting Co. Ltd. He works as a Certified Value Specialist and as a member of a group of professional construction managers in charge of construction management and overseas operations.

He has worked for more than 20 years at domestic and overseas sites in the field of construction, and he participated as a researcher on Ministry Construction & Transportation and published a report called “Research for Composing a VE Construction Manual.” As team leader, he was awarded twice with the top prize from a VE Competitive Exhibition of Design held by a government institution.

Currently, Son is taking an active part as a team leader and as an advisor for a VE workshop in a government institution. He also gives lectures on “Techniques and Cases of VE Construction” at an educational institution for construction technicians.

Yasuhiro Suzuki

Yasuhiro Suzuki joined AISIN SEIKI Co., Ltd. in 1965 and became managing director in 1999. AISIN SEIKI is one of the largest suppliers of TOYOTA Motor Company. Since 2002, he has been assumed the office of President of an AISIN group company; AISIN Development Co., Ltd. He has served SJVE in many capacities. He has been the chapter president of SJVE Central Japan Chapter for 14 years. He and his company have been awarded several times by SJVE for their outstanding achievements in promoting VE and giving excellent results, including “VE Manager Award” given to Mr. Suzuki in 2005 and the most prestigious “Miles Award” being presented to AISIN Development in 2008.

Masayasu Tanaka, CVS, Ph.D., FSAVE

Masayasu Tanaka is CVS and Fellow of SAVE International. He was graduated from Chuo University Graduate School in commercial science. He has taught as lecturer of the SANNO Junior College and professor of Science University of Tokyo. Currently, he is emeritus professor and Ph.D. at Tokyo University of Science and chairman of Japan Association of Management System Researchers. He is one of the three main editors of the latest SJVE’s publication “Value Engineering Handbook”. He has instructed numerous leading companies as a world authority on Target Costing. He has written a number of papers and books on Target Costing and Cost Management.

Hiroshi Tsuchiya, CVS, FSAVE

Hiroshi Tsuchiya is CVS, fellow of SAVE International and certified management consultant by All-Japan Federation of Management Organizations. He was general manager of General Research Institute and chief of Value Management Research Institute at the SANNO Institute of Management and executive director of Society of Japanese Value Engineering (SJVE). Currently, he is emeritus professor of the SANNO Institute of Management and presidential advisor of SJVE. As a pioneer expert in VE field in Japan, he has been engaged in the instruction, education and training for many company employees as well as university and college students for many years and has provided consultation service to several hundred companies in electric, machinery, automotive, etc. He is one of the three main editors of the latest SJVE’s publication “Value Engineering Handbook”. He has written a number of papers and books on VE.

James R. Vickers, AVS



James R. Vickers, AVS is the senior manager of the Advanced Missile Defense-Directed Energy Weapons (AMD/DEW) Contracts for Raytheon Missile Systems in Tucson, AZ. As such, he is responsible for the company's AMD/DEW contracts and he leads its value engineering efforts. He has personally negotiated over 50 VECs that resulted in over \$75 million in contract incentives. The Cross program VE team he leads has submitted over \$100 million in VE savings proposals and won a 2001 DoD VE award and the 2006 DoD company award. He is a frequent speaker on value engineering and shared savings. He has over 25 years experience in procurement. He is a retired Naval Reserve Commander; holds an M.B.A from California State University, a J.D. from LaVerne University and is a member of the California State Bar. He also has completed the course requirements for a doctorate in management science at the Florida Institute of Technology. He is a National Contract Management Association (NCMA) Fellow, a Certified Professional Contract Manager (CPCM), and a director of the Larry Miles Value Foundation. He also holds an AVS accreditation with SAVE International.

Mitsuaki Usuginu, CVS

Mitsuaki Usuginu, CVS joined IHI Corporation in 1984. He was engaged in the development of satellite propulsion rocket engines and future aero engines. He has been in charge of VE promotion within the company since 1999. He is responsible for providing assistance in VE related issues, training, development and maintenance of VE related tools at Aero-Engine and Space Operation Group. He is the promoter of group-wide VE initiatives from development design stage of major projects.

Oscar Villegas, AVS



Oscar Villegas, AVS, currently VA/VE project team leader, joined Autoliv Seatbelts division in January, 2006. Since then he has been 100 percent dedicated to the value management department. In a period of two years he obtained his AVS certification and is currently serving as vice president of the SAVE Greater Michigan Chapter. He is recognized in Autoliv as one of the precursors of value analysis tear-down and target cost methodology conducting up to 20 VA tear-down sessions and 10 VE studies. He is also responsible for the creation and maintenance VA/VE dedicated area where most workshops are performed.

Hisaya Yokota, CVS

Hisaya Yokota, CVS is a VE professional in development and design stage, who has undertaken and achieved a total of 200 billion yen cost saving out of a total of 1 trillion public work projects improvement in 10 years. He has been engaged in the design and corporate planning. He has lead VE projects which covered an area of 50% of Japanese territory in just 3 years. He was given the company award from “Kyoryo Shimbun (professional newspaper on bridge engineering)”. His professional titles include CVS, PE, APEC Engineer, and First Class Information Processing Engineer and adjunct instructor at Waseda University Graduate School. He has just published a book titled “The Problem Solving Technique at the Next Level” (Discover 21).

Hyeong-Sun Yoo



Hyeong-Sun Yoo currently works for Sangah Management Consulting Co. Ltd. which specializes in project management information system and technical support in the field of construction. He has been working for the company for three years as a manager of VE. He participated in VE workshops for government offices and private construction firms throughout the country. He is a member of the Korea Construction VE Research Institute.