



SAVE International 2011 Annual Conference Speaker Biographies



Pawan K. Aggarwal, CVS, FINVEST

Popularising Value Engineering for Wider Applications

Pawan K. Aggarwal is an engineering graduate and has practiced industrial engineering, operations research, value engineering, town administration, and personnel functions in steel plants for 38 years. He now serves as executive director at Steel Authority of India Limited.

Mr. Aggarwal has designed and conducted training modules and workshops on cost and productivity, value engineering, and accelerated decision making. A recipient of CVS certification and Fellow of Indian Value Engineering Society, he has been instrumental in initiating value engineering at two steel plants, both having INVEST chapters now.

Mr. Aggarwal has published articles on vigilance, motivation, value engineering, and industrial engineering. He has presented at INVEST national/international seminars and conferences.

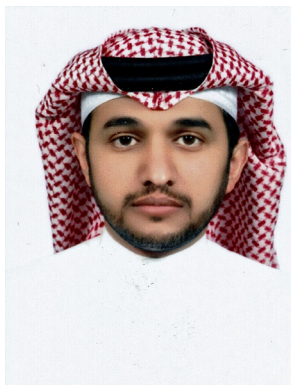


Choong-Heui Ahn, Ph.D., AVS

VE Introduction Plan and Future View of Environment

Dr. C. H. Ahn is a general director of the Department of Water Supply & Sewage Facilities in the Ministry of Environment affiliated with the Korea Environment Corporation (KECO). KECO was established in order to handle environment-related project with maximum efficiency.

Dr. Ahn holds masters and doctoral degrees in environmental engineering from Chonbuk National University. He built his career in private investment projects on environmental facilities as a decision maker and has been involved with many enterprises and projects for 30 years.



Mohammed Auda Alalshikh, Ph.D., AVS, PMP

Developing a Value Management Approach at the Institutional and Organisational Levels for the Saudi Public Sector

Dr. Alalshikh took his BSc in Civil Engineering in 1996 at King Saud University, obtained his Master's degree in Structural Engineering and Construction Management from the University of Newcastle upon Tyne and got his PhD from Leeds University. His research topic was "The Development of a VM Approach for the Saudi Public Sector". He worked as project manager for two years in the Border Guard and as the Director of Engineering Administration in the Border Guard, Aseer Area for five years. Currently, he is the director of studies and

design in the General Directorate of Engineering Affairs in Border Guard.



Sid Anwar, MS, CVS-Life

Pardon My French.....Value Engineering Is All About the "F" Word!

Mr. Anwar, President of Creative Solutions International (CSI), is a Certified Value Specialist (CVS-Life). He has over 20 years of expertise in the development and implementation of value engineering/value improving practices programs for clients in the petrochemicals, petroleum refining, petroleum and natural gas production, mining, nuclear fuel processing, environmental, transportation, health care, industrial, commercial and manufacturing industries. In this capacity, he managed high performance cross-functional teams to solve a variety of very complex technical and organizational problems resulting in providing "added value" to his clients. Projects range in size from US\$5.0 Million to over US\$15.0 Billion. Prior to CSI, he served as manager of value engineering for Fluor Corporation and was responsible for establishing and implementing their VE/VIP programs worldwide. In recognition for his outstanding contribution he was awarded the "Trainer's Award for Excellence". IPA has also ranked is project "Best-In-Class".

Mr. Anwar has trained several thousand management and engineering personnel in "value added" engineering in United States, Canada, Europe, South East Asia, Africa, Japan, Middle East and South America. He has presented seminars in the fundamentals of value management for corporate leaders around the world and also to students at University of California, Irvine and California State University, Long Beach. He received his master's degree in engineering from the University of California, Berkeley, USA.



Tünde Kitanics Bokorné, Ph.D.

How Can Value Methodology Connect the Product and Technology Design in Different Firms of a Supply Chain?

Dr. Tünde Kitanics Bokorné is a tax adviser, characted accountant, tax expert, collage associate professor. She is director of the department of economic science. Her research fields are economics, finances and accounting. Dr. Bokorné helps to develop function – cost calculation. She started to establish training of Value Analysis experts (in two semesters) for qualified persons.

Lori Braase, AVS

Functional Approach to Event/Workshop Planning

Lori Braase, AVS, is a group lead in the systems engineering department at the Idaho National Laboratory, SE on a national Department of Energy nuclear program, and value engineering (VE) program manager. Her 19 years of experience includes management, systems engineering, VE, decision analysis, and strategic planning. In addition to her BBA in business management (Idaho State University), Ms. Braase has a master's certificate in applied nuclear energy. She received her Associate Value Specialist (AVS) certification in 2001, serves as SAVE Cascadia Chapter board member, and is president of the local INCOSE Snake River Chapter.



Brent Burris, AVS

More Efficient VE Workshops & Superior Results: The Advantages of a Streamlined Workshop and Early Change Effect Analysis

Brent Burris is currently a VAVE project team leader for Autoliv ASP. He originally joined the Autoliv seatbelt division in 2000, right after graduating from GMI Engineering & Management Institute (now Kettering University). In 2004, he joined the newly formed Seatbelt Value Management Department and has been an integral part of molding the department into what it is today. He received his AVS certification in February 2005, and soon after completed his MBA from Oakland University. In 2010, his role in the value management department was expanded to include airbags and steering wheels. He is recognized in Autoliv as a VAVE specialist and over the last four years has conducted over 25 VAVE workshops.

Thomas M. Cook, CVS

Establishing Direction for Successes in Manufacturing, Government, and Construction Value Studies

Thomas M. Cook is the value program manager for the U.S. Bureau of Reclamation (USBR), the largest wholesaler of water in the country and second largest producer of hydroelectric power in the western U.S. He has been with the USBR since 2001, and works out of the Design, Estimating, Construction Oversight and Value Program Office located in Denver, Colorado.

Prior to his work with the USBR, he was a value team leader in private practice. From 1988 to 2001, he led value teams in the study of over 100 products and processes. His past clients have included Clarke Industries, Ford, General Electric, Mine Safety Appliances, Raynor Doors, Whirlpool, and a number of other leading consumer and industrial product companies.

He has a Bachelor of Business Administration Degree from the University of Cincinnati; has been a past President of the Rocky Mountain Chapter; and is a Certified Value Specialist.



Michael Fraser Dallas, MA(CANTAB), FIVM, MAPM

Management of Value (MoV)

Mr. Dallas is a founding non executive director of APM Group Ltd and lead author and chief examiner for Management of Value (MoV).

His career began with water engineering in UK, Africa and Seychelles and evolved through manufacturing into project management in the mid eighties, when he specialized in adding value and reducing risk for clients engaged in major projects. In 1997 he joined Davis Langdon as partner responsible for developing value and risk management. His team has now evolved into the global consulting group within Davis Langdon (now an AECOM company). In this role he has conducted hundreds of successful studies and programmes at all stages of project development, including regeneration schemes, airports new towns, buildings, bridges, oil and gas facilities, railways, infrastructure and chemical process plants. He has delivered accredited training in Value Management to several hundred employees.

Mr. Dallas chaired the development of the British Standard in Value Management and the UK Value Management Training and Certification System. His book, 'Value and Risk Management' – A Guide to Best Practice was published by Blackwell Publishing in 2006. He was lead author for the UK Government's Office of Government Commerce (OGC) Best Management Practice Guide Management of Value (MoV), joining their portfolio of Best management Guides that include Project Management (PRINCE2), Programme Management (MSP), Risk Management (M_o_R), ITIL and others.



Armand Della Monica, PMP, AVS
Integrated Risk Project Management

Armand Della Monica is a managing partner of Strategic Value Solutions, Inc. (SVS) and a co-developer of the original application of the value engineering methodology to the private equity investment model.

For the past nine years prior to joining SVS, Mr. Della Monica was an operating partner in the private equity industry, employing his many years of industrial and technology leadership experience to help establish a transformational, value-based process orientation within the investment firm and its portfolio companies.

He has enjoyed a diverse career of senior executive roles in technology and consulting for Fortune 100 companies, including: senior program executive and partner, delivery excellence, with IBM Global Business Services; corporate vice president, program management and Six Sigma, for AlliedSignal/Honeywell International; vice president, program management, International Space Station Program, and chief engineer, F-14 aircraft programs, at Northrop Grumman.

Mr. Della Monica is an accomplished systems engineer and veteran program manager, with a rich background in successfully developing and delivering large complex mission systems. His broad global consulting experience has further qualified him as a subject matter expert and consultant in risk management, project integration, turnaround operations, and process re-engineering.

Sanjay S. Gaikwad, AVS

How Can TRIZ Improve the Outcome of a Value Engineering Workshop?

As Design for Value Manager, Sanjay S. Gaikwad is responsible for facilitating design for assembly and value engineering workshops for the refrigeration and cooking categories at Whirlpool Corporation. The design for value team is responsible for driving product cost leadership for Whirlpool by developing or redesigning products to deliver the best value for the customer.

Gaikwad has 14 years of global experience in the design and development of electromechanical products in the home appliance and automotive industries. He holds a bachelor's degree in electronics engineering from Shivaji University in Kolhapur, India, and received Six Sigma Black Belt certification from Whirlpool through Six Six Sigma Associates, Inc. He is also an Associate Value Specialist with SAVE International.

Jodi Grgich, AVS

Functional Approach to Event/Workshop Planning

Jodi Grgich, AVS, has been part of the systems engineering group at Idaho National Laboratory (INL) for almost five years. She is currently working on her Bachelor of Science degree in business administration. Ms. Grgich provides project support on a variety of DOE programs and projects. Areas of support include event planning, facilitation, data gathering, and analysis.



Murray Guy, MBA, P.Eng., PMP, LEED AP

A LEAN Approach for Delivering GREEN Building Projects

Mr. Guy specializes in the lean project management and the design of practical, cost effective, high performance green building projects and optimizing performance through commissioning. His company Integrated Designs has developed the expertise to achieve LEED Gold levels of performance for very little if any additional capital cost and are currently pioneering the implementation of the LEAN integrated project delivery process to achieve net zero project performance for net zero additional capital cost.

Having spent 10 years as a controls engineer and another 15 years working on high performance buildings as an owner and as a consultant, Mr. Guy has developed an understanding of the importance of delivering performance from different perspectives. This has helped his organization to develop services that enable all stakeholders on a project to be more successful. For more information on this approach: <http://blog.i-designs.ca/>.

As a business owner, he is committed to developing a successful high performance company. IDI is well on the way to achieving this goal by developing “best practice” project delivery systems and by creating a high involvement collaborative learning organization that attracts and retains the best talent.

Mr. Guy is also a firm believer that high performance only comes from people that take the time to enjoy life and keep healthy. IDI places a high priority on personal adventure and family time. Murray needs to lead by example and so takes the time to spend with his wife of 30 years and three kids traveling, camping, practicing yoga, mountain biking, snow boarding and windsurfing.

Mr. Guy is also an excellent presenter that has a unique presentation style that always includes good stories and principles that relate success and business to windsurfing.



Sung-Ho Jin, AVS

VE Introduction Plan and Future View of Environment

Sung-Ho Jin is a manager of the design VE team at the Ministry of Environment in the Korea Environment Corporation, which was established in order to handle environment-related projects with maximum efficiency.

Mr. Jin holds a master’s degree in civil engineering from Pusan National University and is a former Korean naval facility officer. He is studying for a doctoral degree in construction management at Inha University. Mr. Jin built his career in private investment projects on environmental facilities as a design supervisor and has been involved in many enterprises and projects for 15 years.



Hyo-Chin Kim, AVS, SPICE (ISO/IEC), VE-MBB

Empirical Cases on Software Value Engineering in Samsung Electronics

H.C.Kim, AVS, VE-MBB, and SPICE(ISO/IEC 15504) assessor is a senior manager at VIP center in Samsung Electronics. VIP Center is known as the cradle of value innovation for its ability to try various innovative VE activities. For the last seven years, Kim has strived how to apply the VE concept and methodology in the software area. He is one of a few people who know both software and VE. Originally he was a software engineer with holds a master’s degree in software from Carnegie Mellon University. As a software value engineer, he has contributed remarkably to high productivity and quality in software development.

Kim has launched software value programs (SVP) in 2007, which improved quality and reduced programming time.



Yong-Su Kim, Ph.D., CVS

Diagnosis and Study of VE Development in Korea

Dr. Y. S. Kim is a professor of architecture at Chung-Ang University. He holds a Ph.D. in construction management from the University of New South Wales, Sydney. He was the vice dean of the graduate school of construction engineering in Chung-Ang University from 2007 to 2008. He served as the head of the Construction Industry and Technology Research Center in 2005. Prior to his new position in Korea, Dr. Kim built his career at the Sydney Airport International Terminal Expansion as a site engineer.

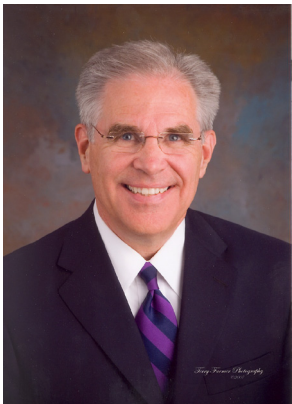


Abdullah A. Khojah, CVS
Self-Assessment Using FAST

Mr. Khojah has over 30 years of experience in various areas of engineering and management. He currently serves as the secretary of the board of directors and as the chief governance and compliance officer for Arabian Cement Company. He is certified as an Associate Value Specialist by SAVE International and maintains memberships with SAVE International, serving on the Gulf Chapter's board of value engineering; the Association of Advancement of Cost Engineering; and, the Saudi Council of Engineers, for which he served as regional manager for four years. Mr. Khojah earned both bachelor's and master's degrees in civil engineering from the King Fahd University of Petroleum and Minerals.

Stephen J. Kirk, Ph.D., FAIA, FSAVE, CVS-Life, LEED AP
Post Occupancy Evaluation for Added Value at Trail's End

Dr. Stephen Kirk is president of Kirk Associates, which specializes in post occupancy evaluation, VE, sustainability, and life cycle costing services. He has over 30 years' experience in applying value based design decision-making techniques to corporate offices, educational buildings, museums, embassies, research facilities, hospitals, airports, national parks, and roads and highways. Dr. Kirk is a registered architect, a fellow of the AIA, a CVS, and a LEED Accredited Professional. He is a senior Fulbright Scholar in architecture and received his doctorate degree at the University of Michigan. He is the author/co-author of nine books related to POE, VE, and LCC, including his text *Enhancing Value in Design Decisions*. Dr. Kirk received the prestigious Gold Award from the Engineering Society of Detroit in 2010, which recognizes the Michigan "Engineer of the Year". He served as president of SAVE International from 1998 to 1999, and currently serves as director and vice president of education for the Miles Value Foundation. Dr. Kirk is a Fellow of SAVE International and is the Dean of SAVE's College of Fellows.



Warren A. Knoles, PE, AVS
"Rocky Road" No Match for the VE Team

Warren Knoles has over 30 years of experience with Crawford, Murphy & Tilly, Inc. (CMT), a 260-person civil/transportation engineering firm. Prior to joining CMT, Mr. Knoles spent seven years with the Illinois Department of Transportation. He is currently senior vice president and chief operating officer of CMT, serves as project principal and technical advisor for transportation and land development projects, and provides VE consulting services. His professional affiliations include the 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.



Dong-Koo Kawk, Ph.D.
Improvement of Construction Value Engineering Process through Web-Based Group Decision Support System

Dr. D. K. Kawk graduated from the civil engineering department of Hanyang University with a doctorate in construction management. His conference presentation is based upon his doctoral dissertation, *Improvement of Construction Value Engineering Process through Web-Based Group Decision Support System – Focusing on Quality Model*. He is currently the chief executive officer of KCMC Co., Ltd. in Seoul, Korea. He works in the field of VE construction in South Korea and won first place in the 2010 Korea Highway Corporation's Design VE competition. His work focuses on generating more effective service by Incheon

Subway Line 2 construction VE and he is involved in construction VE applied to the 2014 Asian Games Stadium.



Benson Kwong, CVS, PE, CEM, LEED AP, BEMP

Energy Simulation in Facility VE Studies: A Paradigm Shift

Benson Kwong is an independent consulting providing services in value engineering, energy analysis, sustainability design, and life cycle cost analysis. He holds master's degrees in mechanical and electrical engineering, as well as in business administration. As the president of enVErgie consulting, LLC, Kwong provides consulting services to facility owners, designers, and contractors to help achieve projects that are energy efficient, sustainable, and economical.



Eur. Ing. Christopher Laughton, PE, Ph.D.

Value Engineering the Construction of Bored Tunnels in Competent Rock

Dr. Chris Laughton is a professional engineer with 35 years of experience in the design, construction, and maintenance of subsurface projects for mining, quarrying, transit, utility, hydroelectric, and research purposes. Laughton has worked as a line manager for tunnel owners, designers, and builders and has developed techniques for predicting the performance of mechanical excavation systems. he has authored technical papers, serves on industry committees and conducts research on TBM performance.

Laughton is currently chairman of the Underground Construction Association's Benefits of Going Underground Committee and works as an independent consultant on projects in the U.S. and overseas.



Gi-Yeun Lee, CVS

The Study of CDP (Cost Design Program) Action

Gi-Yeun Lee acquired his CVS qualification in 2004. He is in charge of the VE executive office at Samsung Electro-Mechanics, which manages the company's entire department and finished the GEOBOOKSUN project. Lee graduated from Hanyang University's department of mechanical engineering in 1990, and joined Samsung Electro-Mechanics the same year to achieve the business of factory improvement, investigation, and analysis.



Mei-Yung Leung, Ph.D., CVS, FHKIVM

Development of a Web-based Tool to Advance the Function Analysis in Value Management

Dr. Leung has more than 20 years of practical/teaching experience in the construction industry/education and has participated in a number of prestigious construction projects in Hong Kong. Since January 1999, she has been teaching at the City University of Hong Kong. Dr. Leung is a Chartered Quantity Surveyor in the RICS in the UK and the HKIS in HK and a Chartered Builder in the CIOB in the UK and AIB in Australia. She is also a Certified Value Specialist of the SAVE International in USA and the HKIVM (List A) for facilitating governmental "VM workshop" in the industry internationally. Dr. Leung's current interesting researches cover construction project management, value management, stress management, facility management, and construction education. She attracted over

HK\$12 million as Investigator in 34 professional and research projects in 10 years. All current research projects are being investigated on the basis of a human behavioral paradigm and project management knowledge, which will assist and support the construction engineers throughout design, construction and operation stages. There are over 100 publications in construction engineering and management at present.



Cintia Lopes, AVS

How DFV Process Can Improve Split AC Installation Process

Cintia Lopes was the first Whirlpool employee to obtain the AVS certification. She has been working since February, 2009, as the design for value lead in the Latin America Region (LAR) leading cross-functional teams from all product categories in Brazil in the use of the two main design for value (DFV) tools. Previous to that she worked as product designer of air conditioning, refrigerators and cooking products. Lopes holds a master's degree in product design, specializing in expert systems development, from Universidade Federal de Santa Catarina in 2008. She holds also an MBA in project management by FGV in 2004. She has graduated in mechanical engineering from Universidade Federal de Santa Catarina in 2000.



Franca Marini, Ph.D.

The Application of a Value Assurance System to Oil & Gas Development Projects

Dr. Franca Marini is discipline manager for value and risk management performing activities related to risk management, stakeholder management, and preparation of assurance checks, decision making, value improving practices, value engineering, lessons learned capture, storage, and diffusion. She has about 25 years experience in planning and scheduling, progress tracking, reporting, budget and cost control, and value management in several development projects. She participated to the re-engineering of Eni Opportunity and Projects Development System, coordinating the value management group. She is the facilitator of Value & Risk Community of Practice, a member of PMI's Rome Chapter and of SAVE International. She has been author of some papers in oil and gas conferences.



Guido Mattu

The Application of a Value Assurance System to Oil & Gas Development Projects

Engineer Guido Mattu has more than 25 years experience in engineering and project management activities in oil and gas development projects. He is presently head of project services department in charge to provide project services in the area of project planning and control, cost control, document management, value and risk management. He is a past member of the working group for the development of Eni E&P Development Project Management System (DMS). Mr. Mattu is an expert in project management systems, a member of PMI's Rome Chapter, and author of papers presented at oil and gas conferences.



Dipl.-Ing. Sebastian Meindl, PVM, TVM

The Value Management Approach in Germany: General Overview and Practical Examples

Sebastian Meindl is president of Krehl & Partner in Germany, a Value Management Consultant company that was founded in 1969 by Hermann Krehl, who is called the “German Father of Value Engineering”. Sebastian Meindl got in contact with VAVE during his studies of mechanical engineering at the University of Siegen. After his studies he continued his work as research associate and did research on the methodology on mechanical design, mechatronics and computer aided techniques in mechanical engineering. He is working on his Ph.D. thesis “Application of Simulation Techniques in Mechanical Design”. In 2004, he joined Krehl & Partner and, since 2009, he is one of its presidents. In parallel to his work, Sebastian Meindl is also engaged at the German Value Management Society by working in several boards. He is also vice president of the Alumni Club of the department of mechanical engineering at the University of Siegen. Sebastian Meindl holds the European Certificates of Professional for Value Management and Trainer for Value Management.



Gary R. Myers, PE, CVS

Typical Engineer Learning Styles and Their Implication for the VE Workshop

Gary R. Myers has managed the development of public works projects for nearly 30 years, with much of the last 10 years involved in the field of value engineering. He graduated with a Bachelor of Science in civil engineering from Purdue University and a Master of Business Administration from the University of Houston. He holds professional engineering licenses in the states of Texas, Florida, and Louisiana. He currently serves as a program manager and value engineer for Jacobs Engineering Group in Houston, Texas, where he manages the \$300 million expansion of the Port of Houston’s Bayport Terminal and provides a number of state DOT clients with value engineering services.



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

How Can Value Methodology Connect the Product and Technology Design in Different Firms of a Supply Chain?

Ferenc Nádasdi is a certificated mechanical engineer, certificated industrial engineer and professor of the College of Dunaújváros and the University of West – Hungary where he delivers lectures on “Value Management”. During the past 35 years Dr. 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 200 studies, professional articles and books. He is the president of the Society of Hungarian Value Analysts.



Robert H. Orlean, CVS

Criticality of Sponsor Actions to Business Value Capture

Robert Orlean is the founder of Orlean Technical Solutions, a company that specializes in helping its energy industry clients to capture dramatic improvements in their projects, services and organizations around the globe. Clients include many major oil companies, engineering and construction companies, equipment manufacturers and construction contractors.

Mr. Orlean has over 31 years of experience in the energy business, in engineering,

research and management, and has worked extensively on both upstream and downstream development projects and equipment. Prior to founding Orlean Technical Solutions, he worked in a wide range of assignments for Shell Oil Company. His responsibilities included project manager for TLP well systems, manager of Shell's offshore topsides facilities design group and offshore seismic data acquisition engineering teams, and held several positions as operations and research engineer.

Mr. Orlean is a graduate mechanical engineer from the University of London's Imperial College. He is also a Certified Value Specialist by SAVE International and is certified as an Innovation Master by the Invention Machine Corporation. He founded Orlean Technical Solutions in 1998.



Marc Pauwels, Ph.D., CVS

The Value Management Approach in Germany: General Overview and Practical Examples

Dr. Marc Pauwels is president of Krehl & Partner in Germany, a Value Management Consultant company that was founded in 1969 by Hermann Krehl, who is called the "German Father of Value Engineering". Dr. Pauwels got in contact with VAVE during his studies of mechanical engineering at the University of Siegen. After his studies he continued his work as Ph.D. student and did research on "Intercultural Product Development", a combination of intercultural aspects with the methods of VAVE. In 1999, he joined Krehl & Partner and, since 2003, he is one of its presidents. In parallel to his work, Dr. Pauwels is also engaged honorary as president of the German Value Management Society, where he is—for instance—responsible for the development of technical guidelines and the annual conference of VAVE.

Dr. Pauwels holds the European Certificates of Professional for Value Management and Trainer for Value Management as well as the CVS certificate.



Michael Propen, AVS

Integrated Project Risk Management

Michael Propen is a managing partner of Strategic Value Solutions, Inc. (SVS), with extensive technical leadership experience in industrial, aerospace, and automotive businesses. Over the past 30 years, he has held senior executive positions with global Fortune 100 corporations. For the past seven years, he has been an operating partner in private equity focused on industrial and technology sectors, working with the leaders of the portfolio companies to help drive growth and productivity.

Prior to his role in private equity, Mr. Propen was corporate vice president of technology and program management for Honeywell International. He was previously vice president of technology and business development for AlliedSignal's Automotive Products Group, vice president of engineering at AlliedSignal Engines, and vice president of engineering and quality at Textron Lycoming.

Mr. Propen received a Bachelor of Arts in physics/mathematics from Queens College, a Bachelor of Science in aeronautics from New York University, an Master of Science in mechanical engineering from Florida Technological University, and an master of business administration from the University of New Haven. He has served on the board of Sermatech International and is currently on the board of Quest-Global, Inc.



Chandrashekar Rangaswamy, AVS

Value Engineering – A Sure Step towards Product Innovation

Chandrashekar Rangaswamy represents New Product Design (NPD) – Automotive, EIS business of Tata Consultancy Services (TCS). He Holds a bachelors degree in mechanical engineering.

Mr. Chandrashekar has about 17 years of total experience in electro-mechanical, new product design and development, value management and project management. He is also a recognized expert in plastics and sheet metal products. He currently mentors automotive projects on development and implementation of best practices and guidelines, check lists related to product design methods, value engineering, supports several related business opportunities across automotive engineering domains. He also heads the knowledge management initiative in EIS-Automotive.

Mr. Chandrashekar is an individual life member of the Indian Value Engineering Society (INVEST). He is certified as an Associate Value Specialist and is on course to attain Certified Value Specialist certification. He has participated in several INVEST-led initiatives aimed at propagating VE in the country and abroad. He has presented many papers in NPD and VE.

Mr. Chandrashekar co-authored the presentation “Value Engineering—A Sure Step towards Product Innovation” with Raghavendra H. Rao, AVS, which received the Best Paper Award at the 26th National Conference of the Indian Value Engineering Society. The paper will be presented during the Manufacturing Forum.



Lon Roberts, Ph.D.

Leading Accelerated Projects: Thinking Outside the Blocks

Dr. Lon Roberts is a principal partner and senior consultant for the Plano, Texas-based firm Roberts & Roberts Associates. He is in demand as a keynote speaker, trainer, consultant, and executive coach. Spanning a 35-year career, he has held positions with E-Systems/Raytheon, the Alliance for Higher Education, and Texas State Technical College. Among other areas, Dr. Roberts has expertise and interest in measurement systems, project management, process engineering, and executive leadership.

In his keynote presentations, Dr. Roberts uses a blend of style and substance to make his presentations both engaging and relevant to the participants. He is especially passionate about the role of “systems thinking” in the project management arena and in bridging the communications gap that often serves as a barrier between technical specialists and their non-technical peers.

Dr. Roberts has authored numerous articles and five books, his latest titled *Leading Accelerated Projects*, as well as the Quality Press bestseller *Process Engineering: The Key to Achieving Breakthrough Success*. He has also designed and developed over 30 training programs and is a frequent contributor to *Defense AT&L* magazine, an award-winning publication of the Defense Acquisition University.

Dr. Roberts earned a Ph.D. from the University of Oklahoma and B.S. and M.S. degrees from Oklahoma State University. He also studied at the University of Dallas and the College of William and Mary.



Miguel A. Sanchez, MS, CVS

More Efficient VE Workshops & Superior Results: The Advantages of a Streamlined Workshop and Early Change Effect Analysis

Miguel A. Sanchez currently works in Autoliv America at the Michigan Tech Center where he is manager for value engineering (VE) for all safety products. He has taken the value engineering manager role for Autoliv in the past for seat belts in Europe (2006 until mid 2008) and VE manager for North American seat belts between 2003 and 2006.

In his current role, he and his team are responsible of the coordination of VE activities (workshop facilitation, project implementation, competitive assessments) for the America region. He is also part of the global VE program team with Autoliv where he focuses in standardizing value management activities.

During this time in Autoliv, he has facilitated and participated in numerous value engineering workshops, successfully implementing ideas achieving the saving targets for the company. He is member of SAVE International and has had the chance to present papers to the last three SAVE conferences.

He holds a Master of Science in mechanical engineering and occupant protection systems from Wayne State University (Michigan, 2000) and a bachelor's degree also in mechanical engineering from ITESM (Monterrey, Mexico, 1994). He is originally from Cuernavaca, Mexico.



Koji Saito, PE, VES

Analysis on the System Interaction of VE in Public Works

Koji Saito joined Pacific Consultants in 1971. He has served as consultant for 39 years. He has served in a variety of technical fields such as structural design and environmental projects. He is certified professional engineer. Mr. Saito currently serves as the senior researcher in the value engineering center for Pacific Consultants, Co., Ltd. He has been a full-time VE personnel since 2006 promoting VE for public work projects.



Chan-Ho Shin, Ph.D., CVS

Effective VE Achievement that Utilizes Expert Choice

Dr. C. H. Shin has studied value engineering since 2004, and has acted as a specialist in value engineering for over six years. He earned CVS certification in 2007, and is a rising VE professional at Sangji Environment & Architects, Inc. in Seoul, Korea.

Dr. Shin carries out his duties faithfully as a member of the VELCC expert committee of the Korean Institute of Construction Engineering and Management and as a management director of the Society of Korean Value Engineers. Since 1006, he has served as an adjunct professor at Young-Nam Institute of Construction Technology Education, invigorating VE for technicians. Dr. Shin has experience in civil and architectural engineering and serves as a team leader when performing VE work.



Howard Sole, AICP, CVS-Life

Behavioral Considerations for Improved Performance in Value Analysis

Howard Sole has 35 years of experience as a municipal consultant. During that time he has served as an officer in two of the largest engineering, program and construction management firms in the country. He presently serves as senior vice president with Value Management Strategies, Inc.

Sole holds a bachelor's degree with emphasis in community development regional planning and a master of business administration with concentration in finance. He is a Certified Planner with the American Institute of Certified Planners and a Certified Value Specialist with SAVE International. He is also an operating fund trustee with the Sons of the American Revolution.

Chad Stirrett, MBA, LEED AP, CSI CDT

Post Occupancy Evaluation for Added Value at Trail's End

Chad Stirrett is a building process analyst in campus planning and administration at Michigan State University. He has over 15 years in the construction field, including project management work on major capital projects as an owner, construction manager, and general contractor. Mr. Stirrett has performed research work in the retail sector for inventory process control and logistics using six sigma and TQM methodology. He began his career as a military logistics operations officer where he served for over nine years in the U.S. Army. He has a Bachelor of Science in building construction management from Michigan State University and a master of business administration from the University of Michigan. Mr. Stirrett is currently serving as the events chair for the Lean Construction Institute of Michigan.

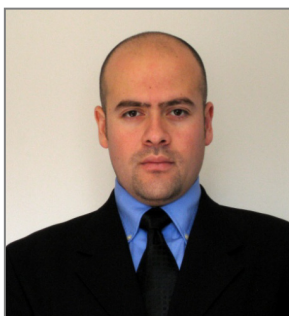


Young-Joo Suh, Ph.D., CVS-Life

Diagnosis and Study of VE Development in Korea

Dr. Y. J. Suh acquired CVS qualification in 1989, and is an industrial engineer who has been engaged in the VE business for about 30 years. He currently serves as the chairman of the Society of Korean Value Engineers (SKVE). He is currently working as SKVE Consulting Co. Route Consulting Group president. Dr. Suh has global professional experience in manufacturing industries in South Korea, China, Thailand, and Malaysia. He holds a Ph.D. in industrial engineering from Ajou University, Korea. He has worked for Samsung Electronics, Co. and Samsung SDI Co. as a management innovation officer. He has been consulting many

enterprises and many projects for 30 years.



Oscar Villegas, AVS

Industries Where Design Is Heavily Restricted

Oscar Villegas is an Associate Value Specialist (AVS) and senior value engineer at Cameron Surface Systems Division (Oil and Gas Industry). He joined Cameron in January of 2010 and it is responsible for the facilitation of VE workshops around the globe, implementation of VE projects, development and improvement of the VE program. His position is the first of its kind within Cameron. Recently, he has provided presentations to other Cameron divisions pursuing the spread of VE techniques across the company and making it part of the improvement culture. He was previously a VAVE project team leader for Autoliv North America

(automotive safety supplier) for over four years. He was recognized in Autoliv as a key practitioner of value analysis tear-down and target cost methodology conducting up to 20 VA tear-down sessions and 15 VE studies. He was also responsible for the creation and maintenance of a dedicated VAVE tear-down room where most workshops were performed. He served as Vice President of the SAVE Greater Michigan Chapter

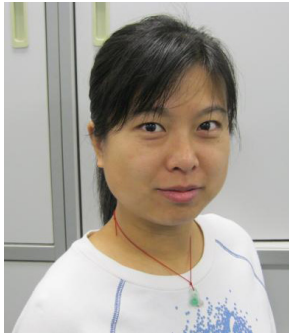
in 2009, and published a paper in the SAVE conference held in Detroit the same year. He is pursuing his CVS certification with this paper after numerous hours of VE practice.



Hisaya Yokota, PE, CVS

How to Streamline Your Activity Time through Functional Approach

Hisaya Yokota is a consultant addressing people's awareness and improved management with the use of problem solving principles. He has been exposed to a variety of mass media such as publication, broadcasting, radio programs, and serial articles on various business websites, journals and magazines. He is the president of Functional Approach Institute Co., Ltd. There are a great number of clients on the waiting list to receive his consultation for about six months.



Jingyu Yu

Development of a Web-based Tool to Advance the Function Analysis in Value Management

Miss Yu is a Ph.D. candidate at the City University of Hong Kong. She participated into a number of internal and external research projects including value management, project management and stakeholder management. She joined several value management workshops in the construction industry.

Miss Yu also published refereed papers in the international journals and conferences to prove her research ability. At present, she has being studied the value management and applied the VM logical procedure into public participation.