

Speakers

Attendees of the CMMI symposium will be fortunate enough to be addressed by members of government, leading application, software development and consulting organisations and international speakers including the Software Engineering Institute's Mike Phillips from Carnegie Mellon University in the USA.

Guest Speakers

- [Andile Ngcaba – Chairman, Dimension Data Africa and Middle East](#)
- [David Michael Phillips - CMMI Program Manager, The Software Institute \(SEI\), USA](#)
- [LC Singh - President & CEO, Nihilent Technologies](#)
- [Prof. Paul S. Goodman - Professor of Organizational Psychology, Carnegie Mellon University](#)
- [Rafael Salazar - Assistant Professor, Computer Science Department, Tecnológico de Monterrey University](#)
- [Nidhi Srivastava - Head the Quality function of Tata Consultancy, India](#)
- [Prof Barry Dwolatzky – Director, Joburg Centre for Software Engineering \(JCSE\)](#)
- [Ashok Sontakke – VP, Quality and Processes and Head – CMMI Consulting Practice, Nihilent Technologies](#)

Guest Speakers profiles



Dr Andile Ngcaba
Chairman
Dimension Data Africa and Middle East

Before joining Dimension Data in March 2004, Andile served as the Director General of the South African Department of Communications (DOC) for eight and a half years, where he was responsible for policy formulation, conceptual development and implementation in the ICT sector. Further areas of responsibility included the promotion and management of IT, telecommunications, broadcasting, postal services and e-commerce in South Africa. His leadership role contributed significantly towards the restructuring of numerous communications organisations such as Telkom, South African Broadcasting Corporation (SABC), the SA Post Office and Sentech.

Andile holds a Master of Commerce, majoring in Information Systems, qualification from the University of Witwatersrand. The University of Fort Hare honoured him with an honorary Doctorate in Commerce and he has also obtained a diploma in Executive Management Programme jointly offered by Stanford and Singapore University. Andile is leading a Black Economic Empowerment (BEE) consortium owning a 25% interest in DDSA. The consortium includes prominent participants in the local ICT industry and certain BEE entities including broad-based empowerment parties. Additionally, Andile will be driving the development of an African growth initiative to aggressively expand our African business.

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David Michael Phillips
CMMI Program Manager
Software Engineering Institute (SEI)

Mike Phillips is the Program Manager for CMMI at the Software Engineering Institute (SEI), a position created to lead the Capability Maturity Model* Integration [CMMI] project for the SEI. He was previously responsible for Transition Enabling activities at the SEI. He has authored Technical Reports, Technical Notes, CMMI Columns, and various articles in addition to presenting CMMI material at conferences around the world.

Prior to his retirement as a colonel from the Air Force, he managed the \$36B development program for the B-2 stealth bomber in the B-2 SPO and commanded the 4950th Test Wing at Wright-Patterson AFB, OH. In addition to his bachelor's degree in Astronautical Engineering from the Air Force Academy, Mike has masters degrees in Nuclear Engineering from Georgia Tech, in Systems Management from the University of Southern California, and in International Affairs from Salve Regina College and the Naval War College.

Capability Maturity Model, CMM, and CMMI are registered in the U.S. Patent and Trademark Office.

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LC Singh
President and CEO
Nihilent Technologies

A pioneer in the field of Information Technology (IT), LC Singh performed key roles at Tata Consultancy Services (TCS). At the time of leaving the company in 1998, he was the Senior Vice President, in charge of operations for UK, South Africa and Middle East. He briefly worked with Zensar Technologies as President and CEO. He founded Nihilent, a CMMI[®] Level 5 company in 2000. In a short span of few years, Nihilent has emerged as one of the most creative consulting and IT companies in India. LC is the author of Nihilent's patented framework for learning and innovation, MC³.

He recently wrote and produced the movie, 'Banaras, A mystic love story', which received huge critical acclaim the world over. LC continues to be a student of ontology and epistemology. He is on the board of Datacraft (Asia) Singapore. LC is a distinguished alumnus of the Institute of Technology and the Harvard Business School.

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Paul S. Goodman
Professor of Organizational Psychology
Carnegie Mellon University

Paul S. Goodman holds the Richard M. Cyert Professorship and is Professor of Organizational Psychology at Carnegie Mellon University. He was educated at Trinity College (BA), the Amos Tuck School at Dartmouth College (MBA), and has a Ph.D. from Cornell University in Organizational Psychology.

Professor Goodman's research interests focus on designing effective work groups, learning in distributed work groups, and organizational change and effectiveness. Current research work examines new forms of workgroups, knowledge exchange in weak-tie work environments, organizational errors, and organizational linkages. Professor Goodman published eight books and more than 80 professional articles and chapters. His most recent books are *Missing Organizational Linkages* (Sage 2000) and *Technology Enhanced Learning: Opportunities for Change* (Erlbaum 2001).

Professor Goodman is a Fellow in the Society for Industrial and Organizational Psychology, in the American Psychological Society, and the Academy of Management. He won the Academy of Management's Distinguished Educator Award (2001). Professor Goodman is director of the Institute for Strategic Development at Carnegie Mellon. This Institute establishes strategic global alliances with universities, governments, and industry. There are ongoing projects in Mexico, Latin America, Israel, India, Singapore, and South Africa. Many of the projects focus on using technology to provide better access and to enhance learning. He also is director of the Center for the Management of Technology, which creates industry-university strategic partnerships. He has served in an advisory capacity for organizations such as the National Research Council, National Science Foundation, and Department of Labor, as well as industrial and nonprofit organizations. Professor Goodman is a documentary filmmaker. He has produced around 20 educational films about work and workers. In addition, he has produced two TV level documentaries on India and

Brazil, which appeared nationally on PBS, have been distributed internationally, and have appeared in selected film festivals

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Rafael Salazar
Assistant Professor, Computer Science Department
Tecnológico de Monterrey University

Rafael Salazar has more than 20 years of leadership industry experience in Software Engineering and Software Quality. He is a Team Software Process (TSP) Authorized Coach and a Personal Software Process (PSP) Authorized Instructor by the Software Engineering Institute (SEI) of Carnegie Mellon University (www.sei.cmu.edu). He was the first Mexican to become a SEI – Certified PSP Developer.

Rafael has been a professor since 2001 at the Tecnológico de Monterrey University (www.itesm.mx). From 2003 to 2006 he was the Head of the Computer Science Department, and from 2006 he is the director of the Mexican TSP Initiative, where he has led the training of university faculty from around the country, undergraduate students, and industry managers and engineers in the PSP and TSP methodologies. Out of this training more than 20 people has become SEI – Certified PSP Developers. He has led the implementation of TSP in Softek, a CMMI level 5 software development company.

From 2002 to 2006 Rafael coordinated the relationship between Microsoft Research and Tecnológico de Monterrey, and belonged to the Microsoft Research's Latin-American Faculty Advisory Board, where he served as the secretary of the board.

Prior to his work at Tecnológico de Monterrey, Rafael worked 8 years at Neoris (www.neoris.com), one of the largest Latin-American IT consultancy companies. Rafael was one

of the founding members of Neoris where he held leadership roles such as Director of the ERP unit, Director of Quality and Innovation, and Chief Technology Officer. Rafael led a team of more than 150 software and consultant engineers in the Y2K project for CEMEX, the second largest cement company in the world. Rafael also led the implementation of ISO-9000 at Neoris, and developed and managed the partnership with companies such as Microsoft, Siebel, Ariba, Saba, and I2.

Rafael has a Bachelor degree in Computer Engineering and a Computer Science Master degree from Tecnológico de Monterrey. He is studying a Master degree in Total Quality Management.

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Nidhi Srivastava
Head the Quality function
Tata Consultancy Services (TCS)

Nidhi Srivastava heads the Quality function of Tata Consultancy Services in North America. In this capacity Nidhi oversees TCS' relationship with the Software Engineering Institute (SEI) at Carnegie Mellon University and has also worked with several Fortune 500 clients on Process Consulting. Nidhi was also instrumental in supporting the North American geography for the integrated CMMI and PCMM appraisal of TCS.

Nidhi has seventeen years of experience in software development, software project management and software process improvement. Prior to becoming the Director and Quality Head for North America, Nidhi was the Software Engineering Process Group Head at the TCS Delivery Center in New Delhi and was part of TCS' journey to achieving CMM Level 5 there.

She has been a member of the International Process Research Consortium facilitated by the Software Engineering Institute to create the roadmap for process research for the next 5-10 years. Nidhi holds a Bachelors degree in Computer Science and Engineering from University of Lucknow, India. She is also a Software CMM® Assessor, Certified Software Quality Analyst, trained on the People CMM® model and is a candidate CMMI Instructor. Nidhi has presented over 20 papers in several conferences in the US, Europe and Latin America and is well known for her process transformation experience in the industry.

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Prof Barry Dwolatzky
Director
Joburg Centre for Software Engineering (JCSE)

Prof Barry Dwolatzky was appointed the Director of the Joburg Centre for Software Engineering (JCSE) in May 2007. Prior to that, he was academic director at the JCSE and a Professor in the School of Electrical Engineering at Wits.

Prof Dwolatzky's driving passion is to promote the growth and development of the South African software industry. He set up the Information Engineering option in Electrical Engineering at Wits and developed a course-based Masters programme in Software Engineering, which was registered as a Learnership within the SA Government's skills development framework. He also played a key role in the founding of the JCSE in 2005. Prof Dwolatzky has published over 40 research papers in journals and conferences and has supervised 24 MSc students and three PhD's.

He joined Wits in 1989, returning to the university he graduated and received a doctorate from after working in Britain on software-related research at the Universities of Manchester (UMIST), London (Imperial College) and the GEC-Marconi Research Centre for 10 years

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Ashok R Sontakke
Vice President - Quality and Head - CMMI® Consulting Practice
Nihilent Technologies

Ashok has a B. Tech (Hons.) degree and M. Tech from the Indian Institute of Technology (IIT), Mumbai.

He has over 33 years of experience in quality control and quality assurance functions and has extensive experience in process improvement, software measurement program, internal process audits and external audits/assessments.

Ashok is a SEISM Certified SCAMPISM High Maturity Lead Appraiser for CMMI[®] V1.2 and a SEISM Authorized SCAMPISM Lead Instructor for training on Introduction to CMMI[®]. He is also a Certified Lead Assessor for ISO 9001, Tick IT, SPICE and a Senior Assessor for EQA (European Quality Award).

Ashok currently heads the CMMI consulting practice at Nihilent and has led a number of CMM and CMMI Appraisals worldwide including Level 5 organizations.

He has worked for organizations such as Zensar Technologies (earlier known as International Computers India Limited, ICIL) and Quality Assurance Institute (India) Limited.

Ashok has presented papers at a number of international conferences.

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