

Asia Pacific Software Engineering Process Group (SEPG) Conference

CONFERENCE: November 12-13, 2001

TUTORIAL: November 14, 2001

Sheraton Hong Kong Hotel & Towers



- Successful event in USA, Europe, India and Hong Kong
- The 2nd time in the Asia-Pacific Rim
- Distinguished speakers from local & overseas
- Experience sharing & lessons learned
- Full day tutorial sessions

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>>Introduction>>

Over the past few years, we have noticed a growing interest in software process improvement in the region. A number of companies have started to implement CMM while others are establishing quality management systems to meet the requirements of ISO 9000 certification. It has also been very encouraging to see an increasing number of people attending courses and seminars on software quality and software process improvement topics.

Companies are well aware of the importance of quality in software and the benefits of software process improvement. They understand that implementing software improvement practices will ultimately increase their competitiveness in the industry at large.

Now, how will you proceed with the implementation of software quality in your company?

The Asia Pacific SEPG conference will provide the audience with practical experience in planning and implementing various schemes of software process improvement. The conference will address questions such as:

- Which quality improvement scheme is best for the organization?
- How to introduce and implement CMM to the organization?
- What are the best practices in project management and testing?
- What is the trend in future software improvement methods?

This is the second year that the Asia Pacific SEPG Conference is being held in Hong Kong. We are sure that you will find the conference a perfect channel for meeting experts in the field of software process improvement and for exchanging and sharing knowledge and experience in software improvement work.

>>Tutorial One (T1)>> November 14, 2001 (Wednesday)

Inside the Repeatable Level: What it is and how to get there

Judy Bamberger

Introduction:

Goal: Get a thorough overview of the Repeatable Level (Level 2) of the CMM - the key process areas, goals, key practices

Benefit: Understand what the CMM means; hear what other organisations - some like yours - are doing to achieve the Repeatable Level; learn what assessment teams look for and listen for during an assessment to determine whether or not the Repeatable Level goals are satisfied

Relevance: Many organisations across Asia are embracing CMM and moving rapidly toward the Repeatable Level - either by choice or by government mandate; this presentation provides information, guidelines, and checklists you can start using now

Outline:

- Brief introduction to the CMM - the maturity levels
- Overview of the Repeatable Level - how an organisation at the Repeatable Level behaves in terms of the key process areas
- Exploration of each key process area at the Repeatable Level: goals, activities, enablers, evaluators
- Discussion of typical documentation produced by Repeatable Level organisations and typical metrics collected and used
- Hands-on mini-assessment exercise with some real-world processes like those you might find in a Repeatable Level organisation
- Summary and description of how the Repeatable Level builds success for satisfying and delighting customers

SPEAKER:



Judy Bamberger has 20 years experience in developing software, leading teams, teaching, and developing organisation-wide leaders. As an independent consultant, she specializes in project management, process definition and improvement, quality techniques, team building, facilitation, and managing change.

Ms Bamberger is an author of the CMM and an Authorized Lead Assessor. She has performed numerous assessments and worked with organisations around the world and at all maturity levels. She created a CMM/CMMI gap analysis method that is highly reliable and cost-effective.

Ms Bamberger teaches project management and an award-winning course that has the students apply basic quality tools in the contexts of a real team, project, and organization.

>>**Tutorial Two (T2)**>> November 14, 2001 (Wednesday)

The Personal Software Process – one day tutorial for engineers

Daniel Roy

Introduction:

For the last several years, SEI Fellow Watts Humphrey, in conjunction with the SEI process program, has been developing techniques to help software engineers better manage and control their work while improving their personal skills and capabilities. This body of work is referred to as the Personal Software Process.

The Personal Software Process (PSP) is a scaled-down version of industrial process that is suitable for individual use. The goal of the PSP is to make software engineers aware of the processes they use to do their work and the performance of those processes. Software engineers set personal goals, define methods to be used, measure their work, analyse the results, and adjust their methods to meet their goals.

Outline:

The tutorial covers the following topics:

- the importance of disciplined software engineering
- the PSP family of processes
- planning and quality management
- the cost and benefits of PSP seen in industry
- PSP and process improvement
- Team Software Process (TSP) and future directions

SPEAKER:



Daniel Roy is President of Software Technology, Process and People (STPP) Inc., a training and consulting company specializing in the institutionalization of disciplined software engineering practices at the individual and team levels.

Dan Roy has 25 years experience in the development of biomedical and space systems (hardware and software) and worked at Carnegie Mellon University, Software Engineering Institute (SEI) for five years. Dan's interests include methodologies, risk management, process (from the Personal Software Process (PSP) to Capability Maturity Model (CMM) assessments), the People-CMM, and the psychological aspects of change management. In January 1997, SEI and STPP signed a Cooperative Research and Development Agreement (CRADA) to commercialize the PSP. Since then, Dan has been involved in the delivery of various SEI PSP products such as the one day executive seminar, the 4 days supervisors course, the 2 weeks engineers course, and the on going trials of the Team Software Process (TSP) in Europe, the US and in India. He also is pursuing P-CMM SEI lead assessor qualification and has recently attended the training and passed the examination for Team Software Process Launch Coach at SEI.

>>**Tutorial Three (T3)**>> November 14, 2001 (Wednesday)

Effective Process Management – An SEPG ESSENTIAL Tutorial

Michael Song

Introduction:

ESSENTIAL for building effectiveness PROCESS MANAGEMENT is a very significant learning much in need, as process approach to management is a common practice amongst many world-class organisations. It is part of a strategic management armoury that has helped organisations lead, sustain and improve their competitive advantages in a world market.

This tutorial experience will teach you at a concise level, the bare essential body of knowledge you need to know about building effective processes and managing them towards meeting organisational objectives.

The tutorial begins with coaching on learning the basics of process architecture and model. It then leads to an appreciation of process thinking and developing the theme forward to process approach in defining and managing the key activities in a typical software producing unit.

You will participate in simple but telling exercises during the workshop. Some time will be available to address issues and problems that you have encountered in the past, current or anticipate encountering in your role as process owner, author and users.

Outline:

- Introduction to Process Management
- Process Model Overview
- Common Themes in Process Management
- Building a Process Map
- Defining Effective Processes
- Building an Effective Process Management Infrastructure
- Establishing Process - Performance Measures
- Ensuring Process Ownership
- Conclusion

The workshop will be led by **Mr Michael Song**. He will bring his vast experiences of consulting and facilitation on Enterprise-wide Process Change Management and Software Process Management to the tutorial.

Michael is an internationally active Management Consultant with interests in the Asia Pacific regions. He has provided his services across the globe and is regularly invited to speak at international conferences. He sits as an Advisor to the Indian SEPG Conference. He has participated in a number of European Projects on Software Process Improvements and Assessment.

SPEAKER:

>>Conference Day 1 (D1)>>

November 12, 2001 (Monday)

0900 - 0930 Registration

0930 - 0945 Opening Ceremony

Alan Wong, Director, Information Technology Services, The government of Hong Kong Special Administrative Region
Daniel Lai, President, Hong Kong Computer Society
Thomas Tang, Executive Director, Hong Kong Productivity Council

0945 - 1045 Keynote Speech: The Indian Software Success Story

Navyug Mohnot, Executive Director, QAI India

1045 - 1100

>> TEA BREAK >>

Stream A

Software Process Improvement

1100 - 1140

SPI - What's in it for me?

Peter Leeson, Q-Labs, UK

1140 - 1220

Five Critical Success Factors for Effective Process Improvement

Judy Bamberger, QMS Group International Pty Ltd., Australia

1220 - 1400

>> LUNCH >>

1400 - 1440

Renewal of Software Quality Assurance

Daniel Wong, Gtech, Australia

1440 - 1520

Process Improvement:
Good for Development, Better for Sales

Robert Hadow, N.C. Cuthbert, USA

1520 - 1540

>> TEA BREAK >>

1540 - 1620

Synergy of review techniques from PSP to CMM

Daniel Roy, STPP, Inc., USA

1620 - 1700

Debate on SPI, SPA and Japan's Government Policy

Kouichi Kishida, SRA Inc., Japan

Stream B

Process Improvement Technology (1)

Metrics in a Mature CMM Organization

Rajiv Nag, Rajarshi K. Das, Dominic Chan, CyberQ, Hong Kong

Metrics Cockpit: means of viewing the project

Sridhar Narayanan, Cognizant Technology Solutions, India

Process Assessment and People

Tomoo Matsubara, Matsubara Consulting, Japan

Project out of control?

10 easy metrics you can begin using today ...

Judy Bamberger, QMS Group International Pty Ltd., Australia

Expectation Management: A Case Study

Sridhar Narayanan, Cognizant Technology Solutions, India

DOCSys - A Documentation Tool for Process Implementation and Improvement

K H Li, Hareton Leung, Keith Chan,
Hong Kong Polytechnic University, Hong Kong

KEYNOTE SPEAKER:

Mr. Navyug Mohnot is the Executive Director of QAI India. He holds a Bachelor of Technology degree in Electrical Engineering and obtained a fellowship from University of Rochester, USA. Upon his return from the United States to India, Mr. Mohnot has led QAI India over the years to become Asia's largest software process improvement and quality management firm. He has been intricately involved in India's software quality movement during the last 10 years.



>>Conference Day 2 (D2)>>

November 13, 2001 (Tuesday)

0900 - 0930 Registration

	Stream C Capability Maturity Model (CMM)	Stream D Process Improvement Technology (2)
0930 - 1010	CMM Based SPI for small projects Tsutomu Kojima, SRA, Inc. <i>Japan</i>	Preparing the Agile Organization Bill Hefley, Q-Labs, <i>USA</i>
1010 - 1050	Level 3 - an important block to CMM Journey Mita Rout, Mastek Ltd., <i>India</i> , Michael Song, msPi, <i>UK</i>	Establishing a Quality Engineering organization to Achieve Process Quality Mac Patrick, Process Improvement Asia, Ltd., <i>China</i>
1050 - 1105	>> TEA BREAK >>	
1105 - 1145	The A-B-C of Achieving Business Goals using CMM Darayus Desai, Atos Origin India Pvt. Ltd., <i>India</i>	Application Functional & Performance Testing Ray Muller, Compuware, <i>Hong Kong</i>
1145 - 1225	Implementing the CMM in a very small project environment Barbara Hilden, Lyn Dellinger, Integrated System Diagnostics, <i>USA</i>	Continuous Improvement in Independent Verification Process V Muralidharan, Nina Modi, Meenakshi Anand, Gargi Keeni, Tata Consultancy, <i>India</i>
1225 - 1400	>> LUNCH >>	
1400 - 1440	CMM Level of an organization does not rise higher than level of process improvement activity Yasushi Tanaka, Sony Corporation, <i>Japan</i>	Requirements and Their Impact on Testing John Horch, The Horch Company, <i>USA</i>
1440 - 1520	Practical Comparison between CMMI and ISO 9000: 2000 Yoichi Kawabe, IBM, <i>Japan</i>	Implementing Project Management Practices Paula Shafer, Project Management Institute, <i>Hong Kong</i>

1520 - 1540 >> TEA BREAK >>

1540 - 1700 Discussion Forum

Obtaining Management Commitment in Software Process Improvement

Moderator: [Tony Elkington](#), European Software Process Improvement Foundation, *UK*

Panelist: [Bill Hefley](#), Q-Labs, *USA*

[John Horch](#), The Horch Company, *USA*

[Daniel Wong](#), Gtech, *Australia*

>>Enrolment Form>>

AP-SEPG Conference 2001

Enrolment Fee Structure	Conference / Tutorial					Price (HK\$)			
	D1 Nov-12	D2 Nov-13	T1 Nov-14	T2 Nov-14	T3 Nov-14	Regular	Early Bird	Volume Discount Regular	Volume Discount Early Bird
1. Full Conference & Tutorial	Yes	Yes	1X	1Y	1Z	<input type="checkbox"/> \$4,450	<input type="checkbox"/> \$4,000	<input type="checkbox"/> \$3,750	<input type="checkbox"/> \$3,400
2. Full Conference	Yes	Yes				<input type="checkbox"/> \$2,950	<input type="checkbox"/> \$2,650	<input type="checkbox"/> \$2,500	<input type="checkbox"/> \$2,250
3. One Day Conference & Tutorial	3A	3B	3X	3Y	3Z	<input type="checkbox"/> \$2,950	<input type="checkbox"/> \$2,650	<input type="checkbox"/> \$2,500	<input type="checkbox"/> \$2,250
4. One Day Conference	4A	4B				<input type="checkbox"/> \$1,600	<input type="checkbox"/> \$1,450	<input type="checkbox"/> \$1,360	<input type="checkbox"/> \$1,230
5. One Tutorial			5X	5Y	5Z	<input type="checkbox"/> \$1,600	<input type="checkbox"/> \$1,450	<input type="checkbox"/> \$1,360	<input type="checkbox"/> \$1,230

Price Type:

1. Regular Fee - no special discount
2. Early Bird - register before October 22
3. Volume Discount - 4 or more participants from the same company

Members of HKCS will be treated as volume discount

Notation:

D1 / D2: Day 1 & Day 2 Conference
T1 / T2 / T3: Tutorial 1, 2 or 3

Options:

either A or B (circle only one option)
either X,Y, or Z (circle only one option)

Name in Full (in Capital Letters)

Mr./Miss/Mrs. _____ Chinese Name (optional) _____

Organization _____

Position _____

Mailing Address _____

E-Mail _____

Tel _____ Fax _____

Signature _____ Date _____

Payment Method

Overseas participants can pay by Money Order or Credit Card. Local participants can pay by Cheque or Credit Card.

1. Cheque or Money Order: Made payable to "Hong Kong Productivity Council" and send it to Miss Kim Leung, IQD, 2/F, HKPC Building, 78 Tat Chee Avenue, Kowloon, Hong Kong. [All cheque or money order should be crossed]

2. Credit Card: VISA Master Expiry Date _____

Card Number _____

Cardholder Name _____

Signature _____ Amount to be settled HK\$ _____

Venue

Ballroom, Sheraton Hong Kong Hotel & Towers
20 Nathan Road, Tsim Sha Tsui, Kowloon, Hong Kong

Contact Information

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