The Second World Congress for Software Quality (2WCSQ)
Software Quality for the Coming New Millennium

PROCEEDINGS

Pacifico Yokohama Conference Center(Tokyo Bay Area)
September 25(Mon.)-29(Fri.), 2000

Organized by
Union of Japanese Scientists and Engineers (JUSE)
American Society for Quality, Software Division (ASQ Software Division)
European Organization for Quality, Software Group (EOQ Software Group)

Supported by
Science and Technology Agency (STA)
Ministry of International Trade and Industry (MITI)
City of Yokohama

In cooperation with
The Institute of Electronics Information and Communication Engineers (IEICE)
Information Processing Society of Japan (IPSJ)
Japan Industrial Management Association (JIMA)
Japan Information Service Industry Association (JISA)
Japan National Tourist Organization (JNTO)
The Japanese Society for Quality Control (JSQC)
The Japan Society for Management Information (JASMIN)
Japan Society for Software Science and Technology (JSSST)
Kanagawa Information Service Industry Association (KIA)
The Operations Research Society of Japan (ORSJ)
Reliability Engineering Association of Japan (REAJ)
Software Engineering Association (SEA)
Sensing Instrument Control Engineering (SICE)
The Society of Project Management (SPM)
The Telecommunications Association (TTA)

CONTENTS

GENERAL PROGRAM

The Second World Congress for Software Quality

- Software Quality for the Coming New Millennium -

September 25 (Mon.)   29 (Fri.), 2000
at Pacifico Yokohama Conference Center

1-1-1, Minato-Mirai, Nishi-ku, Yokohama-city, Kanagawa 220-0012, Japan

9/25 Monday	09:00-12:00	Tutorials			
	12:00-13:30	Lunch			
	13:30-16:30	Tutorials			
	16:45-17:30	Session Chairpersons & Speakers Meeting			
	18:00-19:30	Welcome Cocktail			

9/26 Tuesday		Opening Plenary Session			
	09:30-09:40	Welcome Address 1 (Mr. Katsuhisa Ida, JUSE President & CEO)			
	09:40-09:50	Welcome Address 2 (Mr. Hidenobu Takahide, Mayor, City of Yokohama)			
	10:00-10:45	Keynote Speech 1 (Dr. Yoshinori Iizuka, Japan)			
	10:45-11:30	Keynote Speech 2 (Mr. Tom Gilb, USA)			
	11:30-13:00	Lunch			
	13:00-15:00	Session 26-1-1 Process Innovation and Quality	Session 26-2-1 Management and Technique for Requirement Definition and Quality Definition	Session 26-3-1 Reuse Quality including Componentware	Session 26-4-1 Embedded Systems' Software Quality
	15:00-15:30	Break			
	15:30-17:30	Session 26-1-2 Process Innovation and Quality (Knowledge)	Session 26-2-2 New Quality Paradigm	Session 26-3-2 Software Quality Concepts (International Perspective)	Session 26-4-2 End user software/Servicing Quality
	18:00-20:00	SIG (Special Interest Groups)			

9/27 Wednesday	09:30-11:30	Session 27-1-1 Process Innovation and Quality (Knowledge)	Session 27-2-1 New Quality Paradigm	Session 27-3-1 Innovation of Organizational Practices	Session 27-4-1 Internet/Multimedia Quality
	11:30-13:00	Lunch			
	13:00-15:00	Session 27-1-2 Process Innovation and Quality (Process)	Session 27-2-2 New Quality Paradigm	Session 27-3-2 Innovation of Organizational Practices	Panel Discussion "Software Quality for Business Success" Dr. Yoshinori Iizuka Dr. Yukio Mizuno Mr. Tom Gilb Mr. Francois de Nazelle
	15:00-15:30	Break			
	15:30-17:30	Session 27-1-3 Process Innovation and Quality (Testing)	Session 27-2-3 New Quality Paradigm	Session 27-3-3 Innovation of Organizational Practices	
	18:00-20:00	Banquet			

9/28 Thursday	09:30-11:30	Session 28-1-1 Process Innovation and Quality (Testing)	Session 28-2-1 Related Topics, Innovative Success/Failure Case Studies, etc.	Session 28-3-1 International Standard and Quality (ISO 9000)	Session 28-4-1 Human Factors
	11:30-13:00	Lunch			
	13:00-15:00	Session 28-1-2 Software Quality Concepts (International Perspective)	Session 28-2-2 Related Topics, Innovative Success/Failure Case Studies, etc.	Session 28-3-2 International Standard and Quality (ISO 9000)	
	15:00-15:30	Break			
		Closing Plenary Session			
	15:30-16:00	Keynote Speech 3 (Dr. A. L. Rao, India)			
	16:00-16:30	Keynote Speech 4 (Dr. Ryu Hwa-Suk, Korea)			
	16:30-17:00	Keynote Speech 5 (Mr. Alec Dorling, Sweden)			
	17:00-17:30	Keynote Speech 6 (Mr. Philippe Aigrain, EU)			
	17:30-17:50	Awarding Ceremony, Closing Speech, Announcement of the next WCSQ			

9/29 Friday		Technical Visits	
9/26-28		Poster Session	Tool Fair
9/26-30		Family Program	

LANGUAGES

The working languages of the congress are Japanese and English, simultaneous interpretation between the two will be available at the Opening, Closing and Sessions.

TECHNICAL VISITS

Friday, September 29, 2000

A: Japanese Policy on Information Industry and Advanced Practices as a Result of Administrative Guidance

B: High Technology in Multimedia

C: Software Quality Management practices of Major High-tech Companies in Japan and Discussions