

**The 11<sup>th</sup> International Conference**  
**Tokyo, Japan, September 27<sup>th</sup> – 29<sup>th</sup> 1999**  
**"New roles and issues facing innovation management in the 21st century"**

**Programme**

The Conference was held in the Nihon University Hall, Chiyoda-ku, Tokyo.

Monday, Sept. 27th - Nihon Daigaku Kaikan

9.30 Opening Ceremony

Keynote Speech 1

10.00 Dr. K. Sakakibara, National Institute of Science and Technology Policy, Japan  
*Japanese Entrepreneurs and Their Firms: The Survey Results*

Keynote Speech 2

11.00 Dr. T. Itoh, Mitsubishi Electric Co. Japan  
*Abduction for Creativity*

12.00

Lunch

Technical Session 1: Session A1 - *Creativity Development*  
B. Gruhn , Personnel and Innovation Development, Austria  
*Cultural Influence on the Use of Creativity Tools - A way to Optimize the Output*

13.30 H. Yamasaki, Mitsubishi Electric Co., Japan and I. Yamada, Mitsubishi Research Institute Inc., Japan  
*A Proposal to Rebuild a Novel Japanese Corporate Management System - Promoting Reorganization of the Manufacturing Industry*  
M. Ishihama, Kanazawa Institute of Technology, Japan  
*Training Students on TRIZ Method Using Patent Data Base*

Technical Session 1: Session B1 - *Corporate Strategy and Technology Management*  
R.H.Jordan , IBM Deutschland Informationssysteme GmbH, Germany  
*Opportunity Management: An Integration Process*

13.30 T. Okuyama, Japan Management Association Consultants Inc., Japan and K. Matsui, Rikkyo University, Japan  
*Management of Technology Through Vision-driven R&D*  
F. Chiaromonte, Studio Chiaromonte snc, Italy  
*From R&D Management to Strategic Technology Management: Evolution and Perspectives*

Technical Session 1: Session C1 - *Business Diagnosis and Guidelines for Innovation Management*  
J. Nousiainen and J. Sandström , Lappeenranta University of Technology, Finland

13.30 *How to Enhance Performance Measures to Manage New Product Development*  
A. Pulic and K. Jelcic, University of Graz, Austria  
*VAIC™ - An Accounting Tool for Resource Management*  
R.G. Cooper, E.J. Kleinschmidt, McMaster University, Canada and J. Arleth

*Stage-Gate® Process for Higher New Product Performance*

- 15.00 Coffee Break
- Technical Session 2: Session A2 - *Creativity Development*  
K. Yanagishita, Nihon University, Japan and K. Ishii, Kanazawa Institute of Technology, Japan  
*Training of New Product Development for Industrial for Industrial Engineering Students A Case in Kanazawa Institute of Technology*
- 15.30 H. Katayama, Waseda University, Japan and  
*Skill Enrichment Models for OJT Scheme: Organizational Performance Management Tools*  
M. Tagagi, IBM-Japan, Japan  
*On Improvement of Skill Management System*
- Technical Session 2: Session B2 - *Corporate Strategy and Technology Management*  
T. Yoshikawa, Nihon University, Japan  
*Technology Development and Acquisition Strategy*
- 15.30 M. Tuominen, A. Rajala, K. Möller and M. Anttila, Helsinki School of Economics and Business Administration, Finland  
*Strategic Adaptability and Innovativeness*  
H. Kärkkäinen, J. Papinniemi, M. Torkkeli, M. Tuominen, Lappeenranta University of Technology, Finland and P. Piippo, Valtra Inc., Finland  
*An Approach for Business Potential Assessment of Technology Projects*
- Technical Session 2: Session C2 - *Global Network Innovation*  
K. Kyläheiko, M. Tuominen and V-M. Virolainen, Lappeenranta University of Technology, Finland  
*Emergence of the Supply Network in Finnish Industry: Attempt to Theoretical Reconstruction*
- 15.30 S. Hiraki and Y. Su, Hiroshima University, Japan  
*Analysis of Production and Transportation Models in the Generalized ICGCPS*  
K. Kamo, Nihon University, Japan,  
*The Development of Toyota's and Honda's Asian Market-Specific Vehicles*
- 18.00 "Yakata-Bune" Dinner

Tuesday, Sept. 28th - Nihon Daigaku Kaikan

Keynote speech 3

- 9.30 S. Kondou, Japan Management Association Consultants Inc., Japan  
*Striving for Kakushin [Continuous Innovation] for the 21st Century*
- Technical Session 3: Session A3 - *Corporate Behavior and Organizational Reform*  
H. Paul, Asian Institute of Technology, Thailand and L. Tritos, Thammasat University, Thailand
- 10.30 *The Assessment of Corporate Core Competence in White Cement Manufacturing Company*  
K.M. Golubev, General Knowledge Machine Research Group, Ukraine  
*Traditional + Adaptive Learning = Broad Way to Knowledge*
- 10.30 Technical Session 3: Session B3 - *Environmental Management and Product Development*  
K. Takeda, M. Sanai, Showa Kensho Corp., Japan and M. Miyajima, Kanazawa University, Japan

*Effect of a Cavity Expansion on the Friction Bearing Force of Piles*

K. Yanigishita, Nihon University, Japan, H. Wakabayashi, Ryutsu Keizai University, Japan, M. Koitabashi, H. Murata and S. Yasukawa, Kanazawa Institute of Technology, Japan

*Rainmaking in Seashore Desert Areas*

J-H. Kim, J.S. Kim and E-J. Jung, Korea Advanced Institute of Science and Technology, Korea

*An Exploratory Survey on Eco-marking Products in Korea*

Technical Session 3: Session C3 - *Methods of Product and Creativity Development*

B. Gruhn, Personnel and Innovation Development, Austria

*Standardized Innovation as a Prerequisite to the Best Products for the Customer and the Industry*

10.30 B. Nachman, SWOT, Israel

*InnovAction - Strategic Management with a Creative "Engine"*

H. Katayama, Waseda University, Japan

*Triz Technology: A Performance Improvement Weapon for TPM*

12.00

Lunch

Technical Session 4: Session A4 - *New Product Development and Management System*

H. Kärkkäinen, K. Efvengren, M. Tuominen, Laappenranta University of Technology, Finland and P. Piippo, Valtra Inc., Finland

*A Tool for Systematic Assessment of Customer Needs in Industrial Markets*

13.30 K. Ishii, Kanazawa Institute of Technology, Japan and T. Ichimura, Nihon University, Japan

*A Method of Users' Needs Assessment*

T. Ichimura, Nihon University, Japan, K. Ishii, Kanazawa Institute of Technology, Japan, M. Tuominen, Laappenranta University of Technology, Finland and P. Piippo, Valtra Inc., Finland

*Comparative Study of Product Innovation System*

Technical Session 4: Session B4 - *Computer Networks and Innovation Management*

P. Piippo, Valtra Inc., Finland, J. Koivuniemi, H. Kärkkäinen, M. Tuominen, Laappenranta University of Technology, Finland and T. Ichimura, Nihon University, Japan

13.30 *Intranet Based System for Product Innovation Management Process*

T. Aoki, Nihon University, Japan

*Development of Software Components*

M. Egawa, IBM-Japan, Japan,

*Application Construction in Offices in Digitized Society*

15.00

Coffee Break

15.30 Panel Discussion

17.30 Closing Ceremony

18.30

Banquet - Arcadia Ichigaya

Wednesday, Sept. 29th - Technical Visit

08.30

Departure from Arcadia Ichigaya

10.00

Toshiba Corp. - Kawasaki City

14.00

Mitsubishi El. Corp. - Kamakura City

18.00

Back to Arcadia Ichigaya