The 11th International Conference
Tokyo, Japan, September 27th – 29th 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
Dr. K. Sakakibara, National Institute of Science and Technology Policy, Japan
Japanese Entrepreneurs and Their Firms: The Survey Results
Keynote Speech 2
Dr. T. Itoh, Mitsubishi Electric Co. Japan
Abduction for Creativity
11.00 Lunch
13.30 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
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
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
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 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
   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

18.00 "Yakata-Bune" Dinner

Tuesday, Sept. 28th - Nihon Daigaku Kaikan

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
   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

Intranet Based System for Product Innovation Management Process

13.30 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