

PROCEEDINGS

ProMAC2019

The 13th Conference on Project Management

**Accelerating Startups and Innovation
through Project Management**

November 12 - 16, 2019
Novotel Yangon MAX
Yangon, Myanmar

Organized by



The Society of Project Management, IPMA Japan

International Project Management Association

Information and Communication Technology Research Center
University of Computer Studies, Yangon

Keynote 1

Managing Agile Development and DevOps



Dr. Tun Thura Thet

Vice President, Myanmar Computer Federation

Abstract

Every business is a tech business in today's context of disruption. Digital disruption happens across industries and in different economic sectors. It requires organizations to keep on innovating digitally in ever changing customer expectations, business requirements and external environments. Agile and DevOps redefine how organizations develop software, implement and manage their operations. Agile is a set of framework and practices based on defined values and principles while DevOps is a set of practices that automates the processes between software

development and business operation teams. The ultimate goal is to build, test, deploy, release and operate software not only faster and cost-effective but also more reliably and predictably.

Biography

Dr. Tun Thura Thet is a member of Digital Economy Development Committee (DEDC), SME Development Working Committee, Research and Development e-Government Subcommittee of the Republic of the Union of Myanmar, vice president of Myanmar Computer Federation (MCF), the federation of computer Industry, Professionals and Enthusiasts associations. He is a visiting lecturer at Master of Business Administration (MBA, EMBA) programme and Master of Banking and Finance (MBF, EMBF) programme at the Yangon University of Economics (YUEco), Master of Computer Science (MCS) programme at the University of Computer Studies, Yangon (UCSY). He is also the 2015 Convocation Speaker of Wee Kim Wee School of Information and Communications, the Nanyang Technology University, Singapore. He is also the founder and CEO of Myanmar Information Technology Pte Ltd, the leading software development and System Integration Company in Myanmar. MIT was founded in 1997 and has been the market leader for ICT services in banking sector, retail sector, hospitality sector, healthcare sector and in digital innovation. MIT is the ASEAN Business Award winner for e-ASEAN sector in 2015 and ASOCIO 2018 Outstanding ICT Company Award. He is also a co-founder and director of Myanmar ICT Development Corporation, the MICT Park.

Keynote 2

Project Management Training and Education



Dr. Chanongkorn Kuntonbutr

DBA, Associate Professor faculty of business administration
Rajamangala University of Technology Thanyaburi

Abstract

In Thailand, people has known project management normally in term of construction project. Those project can be government project such as highway, expressway, sky train, condominium, and others. Many people believe project management is concerned directly to engineering area. However, there are some courses concerning to project management available in faculty of business administration. One of the courses is feasibility study, this course provide knowledge for the investor who are going to invest in some projects. It includes

knowledge in feasibility study of a specific project including marketing, manufacturing, administration, environmental criteria, and finance. It is specifically design for the investor to understand and see future situation when invest in a particular project. The second course is project management include the knowledge on how to management project at work from the beginning of the project until it complete and start new project.

Biography

Dr. Chanongkorn Kuntonbutr's career began as a costing accountant in 1980. This position is responsible for financial report that will be submitted to Head-Office in England and regional office in Hong Kong. It includes all managerial accounting from standard costing to financial report. He has been working at Rajamangala University of Technology Thanyaburi (RMUTT) since 1986, and now Associate Professor in Business Administration. At RMUTT, he has been the founder of various kind of program, as Bachelor of Business Administration: BBA International Program, Master of Business Administration: MBA project, and PH.D. project for Business Administration. He has contributed to a bibliographic database including citation indexes of academic journals. He has made a lot of speech for doctoral programs and invited for many universities as a visiting professor of MBA program, economic specialist, and so on. The areas of his interest are management & SME, project management, international business & international management, strategic management and managerial accounting & financial accounting. He has published many research papers.

Keynote 3

Worldwide Trends in Project (PP) Management



Dr. Jesús Martínez Almela

IPMA, President

Abstract

Project management experienced a significant change in the last twenty years. From a tools and methods oriented approach it developed into a holistic perspective competence-based management discipline aiming at delivering long-term sustainable value for a variety of stakeholders in their professional and private roles, for private and public organizations, and for society as a whole. Is this change ending -or will project management further develop and transform in the next decade? There are several singular hypotheses concerning future aspects of project management, however, a summary of the different trends and a compelling conclusion is still missing. Contextual changes in the economic, social, political, ecological and technological areas pose a variety of challenges for

the field of project management, which will change its diffusion and application, but which also transform how project management will be performed in the future, which meaning it will have, and which impacts. This presentation will expose the current situation and trends of our discipline Worldwide as follow-up and updating the faster changes occurred during latest 12 months (ProMAC 2018-ProMAC 2019).

Biography

Jesus he is Agricultural and Biosystems Engineer and has been active for more than 30 years in the field of Engineering, Projects, Programs and Portfolio Management. He is Certified Projects Director (IPMA Level A) and IPMA DELTA as well. Developer and owner of 5-five patents of invention for treatment and valorization of animal wastes in Spain, Italy and United States. Since 1987 he manage over 500 projects and programs in various sectors (environmental protection, agriculture, sustainable food production, industrial manufacturing and rural development as well). Projects Director for several projects for R+D in collaboration with various Universities and Research Centres throughout Spain, Europe, Japan and USA (1999-2007). In 2008 he founded Bioagroprojects Biotech Programs & Portfolio Management; across Bioagroprojects he directs programs and projects Worldwide in various sectors in multicultural and complex environments, for engineering and consultancy services, coaching for professional competence development. Lecturer and international speaker in several Universities and Institutions Worldwide. He has been rewarded since the year 1999 with six international prizes in his areas if professional expertise in different countries Worldwide. Currently he is Vice President of the Spanish Project Management and Engineering Association (AEIPRO-IPMA Spain), he was IPMA LACC Program Director obtaining 16 IPMA Members Associations in the Americas (2007-2017), IPMA VP for Education, YC and Membership (2013-2017) and elected IPMA Worldwide President for the period 2018-2020.

Keynote 4

Key Elements to the Success of System Development Project for Myanmar Government - Myanmar-Japan Joint Project MACCS/MCIS -



Mr. Minoru Umehara
Vice President of NTT DATA Corporation

Abstract

Myanmar Customs launched a new automated cargo clearance system (MACCS) and risk management system (MCIS) in November 2016 based on the Japanese System. NTT DATA received an order from the Myanmar government for system development in 2014, and after approximately two years of development period, we achieved service start on schedule as originally planned. This system is a mission-critical system that manages the country's trade and customs clearance procedures, and was developed with members with different languages and cultures, so it was a very difficult system development. However, the cooperation between the governments and vendors of both countries

and their efforts toward the goal enabled us to complete the advanced IT system that is the foundation of the country's social infrastructure. In this presentation, we introduce the findings obtained through the MACCS/MCIS development project, and propose an approach for the success of system development in a global team.

Biography

Minoru Umehara is Vice President and Head of Public Division 2 of NTT DATA Corporation, a leading global IT services provider headquartered in Tokyo specializing in consulting, system development and business IT outsourcing with over 120,000 employees in more than 53 countries worldwide. Before being named Head of Public Division 2 in July 2019, Mr. Umehara was Vice President and executive manager of corporate HR. At that time he planned and launched various new HR frameworks corresponding to the current labor environment and the globalization of NTT DATA. Mr. Umehara also has extensive experience in the public sector project in Japan and made significant contributions to the projects in various areas such as a national tax, travel documents, border control, vehicle information and communication, and meteorological information. Mr. Umehara holds a bachelor's degree in policy management from Keio University. He joined NTT DATA in 1994.

Keynote 5

The Power of Portfolio Management



Mr. Paul Hodgkins

Executive Director of Paul Hodgkins Project Consultancy, Former Siemens PM@Siemens Programme Executive for North West Europe

Abstract

Portfolio management is a vital enabler in selecting the right projects and programmes to deliver the business goals, intentions and strategies intended.

But how well do we do it and what is involved?

In this story telling and interactive presentation, Paul will explain what portfolio management is, give his top five tips, and take you back to the 25th August 1979.

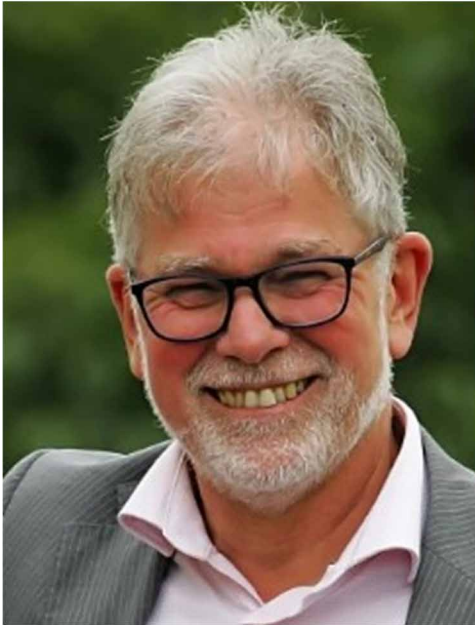
Biography

Paul joined Siemens in 1984 as a graduate trainee and within two years entered the world of Project Management. From February 2006 until June 2013, he was responsible for leading Siemens global programme addressing project business known as PM@Siemens, across the UK and North West Europe and in April 2009, Paul was nominated as one of only ten key influencers in the UK in relation to the profession of project and program management.

In July 2013 he established his own business, Paul Hodgkins Project Consultancy, where he helps businesses to “unleash the power of projects and programmes.” He continues to be recognised for his contribution in developing the project management profession and has written numerous articles and appeared in many project management publications and books on this topic, as well as being a key note speaker at very many project management events around the world. Paul was appointed as a Fellow of the Association for Project Management (FAPM) in October 2009, the highest membership accolade and represented Siemens as part of the PMI Global Executive Council and APM Corporate Leaders Advisory Group.

Keynote 6

Achieving better business outcomes with an ISO PMSS Plug-in?



Mr. Ben Bolland

Project and quality management consultant, auditor
Het BEVON Gilde BV, Netherlands

Abstract

Standards and routines make our daily work easier, with their “common language and practices” WHAT to do, and HOW to do it. But... Projects are unique and risky; innovation projects are even more risky! In his lecture Ben will discuss: a. the interesting senior management challenge to align and integrate “Business as usual” and “Projects and innovation”, b. how a potential ISO PM Management system standard could support achieving better business outcomes

aligning senior management, Business as usual and projects and project portfolios.

Biography

Ben started his career in 1979 in engineering functions in the paper board and Aluminum industry. With his growing interest in business management, he moved to IT management related functions in local government and a regional public health care organization. After his last management role (1989-1997) as Head of IT in Public Transport, Ben has fulfilled assignments in temporary roles as interim manager, project manager and quality manager for over 20 years. The first ten years acting as a project manager and project portfolio manager in (semi-) governmental and education sectors, since 2008 mostly supporting senior management in Small and Medium size enterprises on business management, project and quality management related assignments. His interest in using best-practices and recognized standards to help organization achieve improvements and innovations triggered him to join the NEN and ISO standards committee for project management in 2011.

Since then he has been actively involved in the development of ISO standards for project, programme and portfolio management at ISO/Technical Committee TC258

World Café

Start-ups and traditional companies - how does it fit together?



Mr. Reinhard Wagner

IPMA Past President and Chairman of the Council

Abstract

Nowadays, traditional companies are under pressure to accelerate their projects, reduce the time to market and offer innovative products and services in a competitive environment. There are alternative routes for traditional companies to achieve this, either by transforming the whole organization, acquiring start-ups and integrating them into their portfolio of activities or carving out projects into start-ups for a faster delivery. During the World Café of ProMAC 2019 we'll discuss the differences of both organizations in mindset, process, structure and leadership, whether an integration

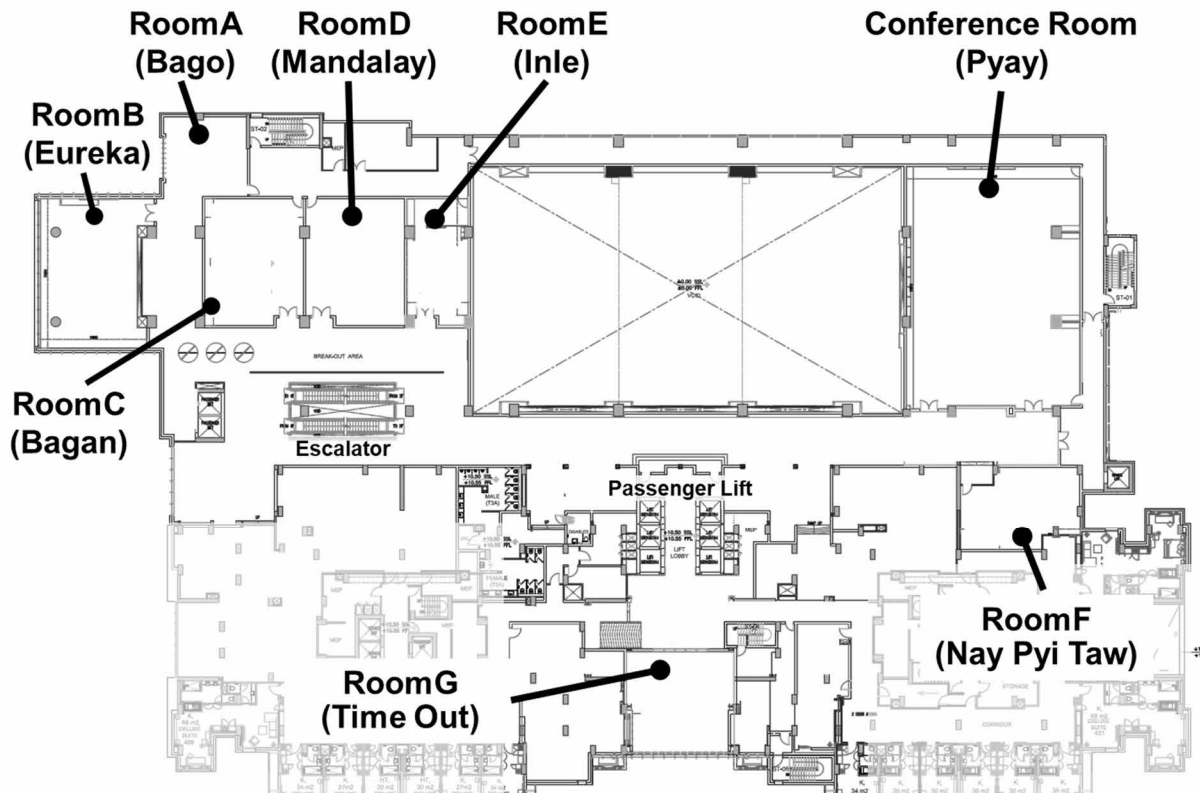
is feasible, how this works and what other options for accelerating startups and innovation through project management are applicable.

Biography

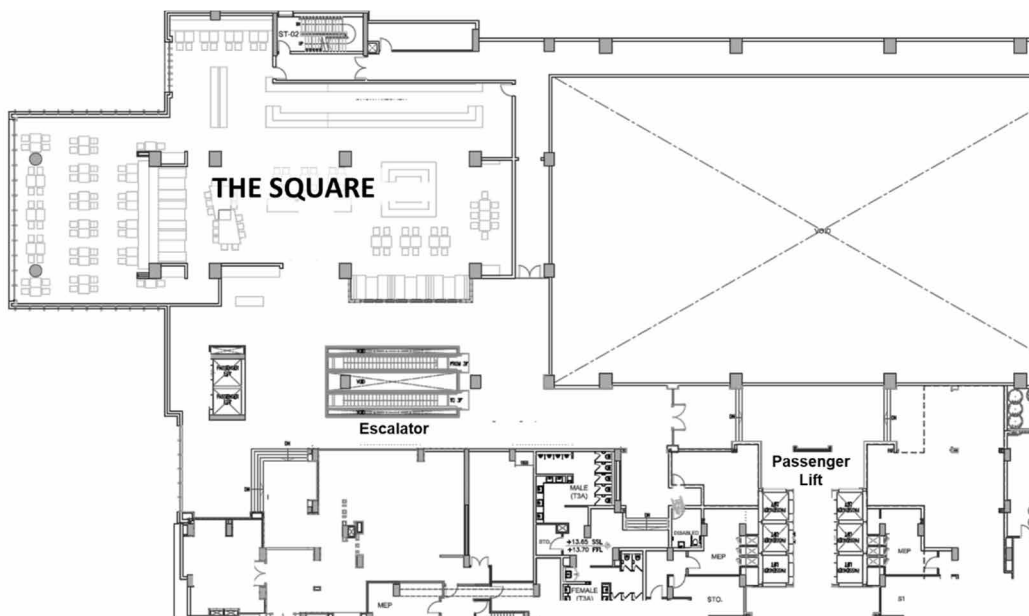
Reinhard Wagner has been active for more than 30 years in the field of project- related leadership, in such diverse sectors as Air Defense, Automotive Engineering, and Machinery, as well as various not-for-profit organizations. As a Certified Projects Director (IPMA Level A), he has proven experience in managing projects, programmes and project portfolios in complex and dynamic contexts. He is also an IPMA Certified Programme and Portfolio Management Consultant, and as such supports senior executives in developing and improving their organizational competence in managing projects. For more than 15 years, he has been actively involved in the development of project, programme and portfolio management standards, for example as Convener of the ISO 21500 “Guidance on Project Management” and the ISO 21503 “Guidance on Programme Management”. Reinhard Wagner is Past President and Chairman of the Council of IPMA, Honorary Chairman of the German Project Management Association (GPM), as well as Managing Director of Tiba Managementberatung GmbH.

■ Novotel Yangon MAX, Floor Map

<4th Floor>



<5th Floor>



- Welcome Reception (12th November 2119)
> at LE CELLIER, Novotel Yangon MAX (14th Floor)
- Lunch (13th-15th November)
> at THE SQUARE, Novotel Yangon MAX (5th Floor)
- ProMAC Gala Dinner (15th November)
> at Karaweik Palace (by Pick-up Bus, Departure Time 16:30, at Conference Lobby)

Tuesday, 12th November 2019

17:00-19:00 [Registration Desk](#) (14th Floor)

19:00-20:30 [Welcome Reception](#) (LE CELLIER, 14th Floor)

MC: Mr. Koen Tomita (NTT DATA Corporation)

Wednesday, 13th November 2019

8:30-15:00 [Registration Desk](#) (4th Floor)

9:00-9:30 [Opening Ceremony](#) (PYAY Conference Room)

Mr. Takashi Uesaka, President of SPM/ IPMA-JAPAN, IBM Japan, Ltd.

Dr. Jesus Martinez Almela, President of IPMA

Mr. Win Khaing Moe, Director General of Department of Research and Innovation

Dr. Mie Mie Thet Thwin, Rector of University of Computer Studies, Yangon

Dr. Naychi Lai Lai Thein, Deputy Director General of Information and Communication Technology Research Center

Dr. Tetsuro Seki, Vice President of SPM, Chair of Program Committee, Bunkyo University

Mr. Hideki Kiwaki, Vice President of SPM, FUJITSU LIMITED

Dr. Shigeaki Tanimoto, Vice President of SPM, Chiba Institute of Technology

MC: Ms. Chie Ishii (NEC Corporation)

9:30-10:30 [Keynote 1](#) (PYAY Conference Room)

Managing Agile Software Development and DevOps

Dr. Tun Thura Thet, Vice President of Myanmar Computer Federation

MC: Mr. Katsuhiko Nitta (NEC Corporation)

10:30-10:50 [Coffee Break](#) (4th Floor)

10:50-12:10 [Breakout Session 1](#) (4th Floor)

RoomA (Bago) Mr. Bibhuti Bhusan Das, NEC Technologies India

A01 The Paradigm Shift to the Fact-based Management: The Continuation of "Project Management Utilizing CMMI"

Tomonori Matsunami¹

Sompo Systems Inc.¹

A02 What's RFP or RFI and Benefit to Issue RFI: In Procuring Process of Information System

Keisuke Hirokawa¹, Michiko Oba¹

Future University Hakodate¹

A03 Study on Safety Culture and Portfolio Management in Construction / Environment Problem Cases

Toshiki Shimoike¹

Asia Engineering Consultant Co.,Ltd¹

RoomB (Eureka) Mr. Paul Hodgkins, Paul Hodgkins Project Consultancy Limited

B01 Case Study of Project Management in System Development Incorporating Drones

Akio Madono¹, Tetsuya Oomura¹

NTT DATA Corporation¹

B02 A Case Study of Project Management of Information Security Infrastructure Construction in APAC Region

Tomomi Ogushi¹, Yusuke Kawato¹, Seichiro Yatake¹, Tsukasa Ito², Kayoko Murata², Mizuuchi Yoshiaki¹, Sadaichi Irimiya¹, Yusaku Nakajima³

NTT DATA Corporation¹, NTT DATA Asia Pacific Pte. Ltd², NTT DATA INTELLILINK CORPORATION³

B03 Aqua Solar Sharing Ecosystem Strategy Through Program Management

Hiroshi Kubo¹, Kazuki Okoso¹

Chiba Institute of Technology¹

B04 Introduction of Issues and Cases Addressed in Migration of Gas Companies' Telecommunications Networks
Kimitaka Dezaki¹
NEC Corporation¹

RoomC (Bagan) Dr. Michio Shimomura, Chiba Institute of Technology

C01 Practical Edutainment (1) Potential of Project Management Board Game for Various Business Fields.
Yu Hirose¹, Satoshi Kai², Katsufumi Mihara¹, Yoshinobu Uchida², Kiyoshi Shimoda¹, Tsuyoshi Niino¹,
Masatoshi Arazoe¹, Hisako Okada¹
Hitachi Document Solutions Co., Ltd.¹, Hitachi, Ltd.²

C02 Practical Edutainment (2) Proposal of Advanced Acquisition Method of Practical Business Intellect on Project Management
Satoshi Kai¹, Yu Hirose², Yoshinobu Uchida¹, Katsufumi Mihara², Kiyoshi Shimoda², Tsuyoshi Niino²,
Masatoshi Arazoe², Hisako Okada²
Hitachi, Ltd.¹, Hitachi Document Solutions Co., Ltd.²

C03 Trial of Digital Transformation for an SME Utilizing Design Thinking and Agile Approach: A Case Study of Retail Business in Japan
Wut Yee Phyo¹, Mamoru Ito¹
Kobe Institute of Computing¹

C04 Cultural Differences in Multinational Projects and Approaches for Project Managers
Keishiro Fukumoto¹
IBM Japan, Ltd.¹

RoomD (Mandalay) Dr. Hideto Ogasawara, Chiba Institute of Technology

D01 Innovation Scorecard: Theoretical Background and Principles
Ondrej Zizlavsky¹, Eddie Fisher²
Brno University of Technology¹, Brno University of Technology, Association for Project Management²

D02 Strengthen Stakeholder Consensus Building Through Digitization Metrics Research of Value
Masayuki Takiguchi¹, Junzo Hagimoto², Hiroyuki Anraku³, Atsushi Nagata³, Masahiro Isokawa³, Saburo Ohno³,
Kentarō Takasaki³, Hitoshi Yamazaki³, Kazuo Hamai³, Toyohisa Tanaka³
Shinko Technomist Co.¹, Takumi BusinessPlace Co.², Value Metrics Study Group³

D03 Open Innovation Initiatives for Efficient System Development
Takashi Imoto¹, Kawamura Kanto¹, Wada Mieko¹, Nakagoshi Osamu², Nandwani Naveen³
NEC Corporation¹, NEC Solution Innovators, Ltd.², NEC Technologies India Private Limited³

D04 The Point of Performance Test Learned from Case Study of the Global Development Project
Shuto Mochida¹, Yamamura Yoshihisa¹, Hoshi Junichi¹, Kawachi Tomoko¹
Hitachi, Ltd.¹

RoomE (Inle) Dr. Yasunobu Kino, University of Tsukuba

E01 Estimation of Project Collapse Risk
Naoki Satoh¹
Kansai University of International Studies¹

E02 How to Recover from the May Blues: Practice and Utilization of the Results of Mental Health Study Group
Yoichiro Shimma¹
Hitachi Systems Ltd.¹

E03 Case Study and Proposal of Feedforward Practice for Risk Management in Full IT Outsourcing Service for Large Financial Institutions
Takuma Ashiki¹, Ryosuke Masuki¹, Yuji Yasuda², Hitomi Sumada², Tsutomu Osaki²
NTT DATA Corporation¹, NTT DATA SOFIA Corporation²

E04 Component-based Software Engineering Approach to Development of E-learning System
Htet Htet Aung¹
University of Computer Studies, Yangon¹

RoomF (Nay Pyi Taw) Dr. Chanongkorn Kuntonbutr, RMUTT

F01 A Study of Company-Level PMO Tool Development Using SharePoint Online
Shinnosuke Okumura¹, Hidechika Matsumura¹, Tomoyuki Hayashi¹, Yoshimasa Matsuoka¹, Huanmei Qu¹
NEC Corporation¹

F02 A Review of Project Success Criteria for Structuring Benefits: A Study of Customer-driven PPPM
Akihiko Sekiguchi¹, Tetsuro Seki², Yasunobu Kino³
FUJITSU LIMITED¹, Bunkyo University², Tsukuba University³

F03 The Predictive Detection Method for Problems Focusing on Management of Many Small Scaled Projects
Yuusuke Iwano¹, Toyohiko Umemura¹, Yoshinori Yamada¹
Hitachi Solutions Create, Ltd.¹

F04 A Case Study on Implementing Authorization Processes to an Overseas Group Company and Improvement Activities
Daisuke Sekiguchi¹
NTT DATA Corporation¹

12:10-13:50 **Lunch** (THE SQUARE, 5th Floor)

13:50-15:10 **Breakout Session 2** (4th Floor)

RoomA (Bago) Ms. Angelika Nuraini Heriyanto, NTT DATA System Technologies Inc.

A05 What is Agile Project Manager's Mind Set on the New AI Generation Era
Koji Mikami¹, Yukihiko Takami¹
IBM Japan Ltd¹

A06 Simulation on Mass Production & Sales Product Development Project by Employing Machine Learning Agent
Tsutomu Hayashi¹, Koji Okada²
Graduate School of Tokyo City University¹, Tokyo City University²

A07 Education for Overseas Engineers on Review Techniques for Design Documents
Yoshinobu Machida¹
NTT DATA Corporation¹

A08 Case Study of Customer Management in Digital Transformation Projects
Shinya Hirachi¹
Hitachi, Ltd.¹

RoomB (Eureka) Dr. Ondrej Zizlavsky, Brno University of Technology

B05 Effective Management of Cost Escalation in Roadworks Projects Through Design and Build Procurement System -the Case of Tanzania: Cost Escalation in Roadworks Projects Through Design and Build
Pantaleo Rwelamila¹, Ian Nyeme²
Graduate School of Business Leadership, University of South Africa (UNISA).¹, Quants Consult Ltd, Dar es Salaam, Tanzania²

B06 Proposal of Requirement Definition Method for Business Management Information Systems
Tetsu Saito¹, Koshichiro Mitsukuni²
Hitachi Industry & Control Solutions, Ltd.¹, Waseda University²

B07 AI Project Life Cycle and Key Consideration
Tsunefumi Watanabe¹
New Energy and Industrial Technology Development Organization¹

B08 Diagnosing Quality of Design Review by Machine Learning
Takuya Saito¹, Katsushi Matsuda¹, Naomi Honda¹, Tateki Sano¹
NEC Corporation¹

RoomC (Bagan) Dr. Yasunobu Kino, University of Tsukuba

- C05 Utilizing Management Tools and Techniques in Transnational Project: Project Management in Different External Environment
Yetian Luo¹
Fujitsu (China) Holdings Co., Ltd.¹
- C06 How to Deploy the AI and Data Analysis Platform
Kakeru Emoto¹, Atsuhiko Yokoyama¹
NEC Solution Innovators, Ltd.¹
- C07 Characteristics of Growing Process of Young Japanese Top Managers in Myanmar
Hidekazu Tanemura¹, Kino Yasunobu¹
University of Tsukuba¹
- C08 Consideration of Advance of Communication Management by Co-project Manager Arrangement to a Subcontractor in an International Development Project
Takahiro Chida¹, Kayoko Murata², Zhongli Sun³
NTT DATA TOHOKU CORPORATION¹, NTT DATA Asia Pacific Pte. Ltd², Dalian Hi-Think Computer Technology Corp³

RoomD (Mandalay) Dr. Shigeaki Tanimoto, Chiba Institute of Technology

- D05 Effective Failure Event Description Based on the Time Series and the Human Behavior Process
Masanori Kajiura¹, Watanabe Kiyotaka¹, Sumi Masaki¹
NTT DATA University Corporation¹
- D06 Study the Consistency Between Clinical Ladder for Nursing Managers and PPPM of PMI Standards
Hiroe Miyake¹, Tokiharu Miyahara¹
Kawasaki University of Medical Welfare¹
- D07 Start-up of PM Knowledge Community: Propagation Method Established About Know-How of Project Management
Akinori Yamamoto¹, Yutaka Odakura¹, Toyohiko Umemura¹, Shunichi Morimoto¹
Hitachi Solutions Create, Ltd.¹
- D08 Implementation and Development of AUN-QA Program Level Assessment at Electronic Engineering Department, Technological University (Thanlyin)
Ei Ei Khin¹, Aye Su Mon¹, Pa Pa Win San¹, Zin Ma Ma Myo¹, Thida Aung¹
Technological University, Thanlyin¹

RoomE (Inle) Dr. Akira Yamazaki, Chiba Institute of Technology

- E05 An Approach for Preventing Performance Problems Based on Performance Verification Process
Mieko Wada¹, Kanto Kawamura¹, Takashi Imoto¹, Osami Nakagoshi²
NEC Corporation¹, NEC Solution Innovators, Ltd²
- E06 Proposal of the Importance of Project Management for Quality Assurance and Schedule Compliance in Projects That Apply Packages Products
Takehiro Watari¹, Syoutarou Tsurukai¹, Yuki Kawata¹
NTT DATA System Technologies Inc¹
- E07 Analysis of Members' Mutual Understanding Process in Conference Forms: Monitoring of Member's Interpersonal Cognition Through Behavioral Observation, Sensory Evaluation, and Acoustic Measurement
Natsuki Koseki¹, Miho Iijima², Yohei Yamamoto², Kenichi Seki¹
Chiba Institute of Technology¹, KIBI Inc.²
- E08 Non-Conformance Costs (NCC) in Construction Engineering Projects within Company X South Africa
Sanele W Nhlabatsi¹, Ontlametse Khwene¹
University of South Africa Graduate School of Business Leadership¹, University of South Africa Graduate School of Business Leadership²

Room F (Nay Pyi Taw) Prof. Tsutomu Konosu, Chiba Institute of Technology

- F05 A Recurrent Education Program for Seniors at a Professional Graduate School
Kiyomi Miyoshi¹, Hiroaki Itakura²
Fukuoka Women's University¹, Advanced Institute of Industrial Technology²
- F06 Students' Learning of Process Management Through a Project-Based Learning Course: The Role of Teaching Strategies
Masako Itoh¹
Seijo University¹
- F07 Improvement of PM Mentoring Method in Response to Digital Transformation and Working Style Change
Takao Shima¹
NTT DATA Corporation¹
- F08 The CSR Framework for IT Human Resource Development
Thinn Moe Phyu¹
Pearl Yadana Software Solution¹

Room G (Time Out)

ASIANET

Welcome Address

Dr. Jesus Martinez Almela, President of IPMA

Country Report 1

Mr. Takashi Uesaka, President of SPM/ VP, IBM Japan (Japan)

Country Report 2

Dr. Chanongkorn Kuntonbutr, Assoc. Prof., ex-Dean, RMUTT (Thailand)

Country Report 3

Mr. Aye Kyaw Hlaing, CEO of Vision to Motion Myanmar (Myanmar)

Country Report 4

Dr. Lukas Sihombing and Adi Peasetyo IAMPI (Indonesia)

Other Country Reports

Submission of presentation material in lieu of participation: China, India, and Korea

Discussion (Facilitator: Dr. Jesus Martinez Almela)

Closing Message

Dr. Jesus Martinez Almela, President of IPMA

15:10-15:30 Coffee Break (4th Floor)

15:30-16:30 Keynote 2 (PYAY Conference Room)

Project Management Training and Education

Dr. Chanongkorn Kuntonbutr

Assoc. Professor of Rajamangala University of Technology Thanyaburi

MC: Ms. Kiyomi Oyama (Hitachi Systems, Ltd.)

Thursday, 14th November 2019

8:30-15:00 Registration Desk (4th Floor)

9:30-10:30 Keynote 3 (PYAY Conference Room)

Worldwide Trends in Project (PP) Management

Dr. Jesus Martinez Almela

President of IPMA

MC: Mr. Manabu Jinno (Hitachi Ltd.)

10:30-10:50 Coffee Break (4th Floor)

10:50-12:10 Breakout Session 3 (4th Floor)

RoomA (Bago) Dr. Myint Myint Than, MCF

A09 Next Actions to Life Shift and Diversity
Junji Taguchi¹
IBM Japan Ltd.¹

A10 Approach to Expediting the Actions to System Errors in the Large Scale System
Hitomi Kanazawa¹, Kiyoshi Uemoto¹, Hiroyuki Susuki¹, Akira Noguchi¹, Yuusuke Okubo¹, Ryouyusuke Mase¹,
Kouta Nakajima¹, Shouichi Yoshida¹
NTT DATA System Technologies Inc.¹

A11 Relationship Between Facial Expression Recognition and Appropriateness of Leaderr
Takahiro Harashima¹, Yoshiyuki Takeda¹
Chiba Institute of Technology¹

RoomB (Eureka) Dr. Nan Si Kham, Information & Communication Technology Training Institute

B09 Consideration of Efficiency Improvement in Offshore Development
Hiroki Nambu¹, Junichi Watanabe¹, Kenkei Go¹, Rieko Shimizu¹
Hitachi, Ltd.¹

B10 Visualizing an IT System Development Program and Removing Interproject Conflicts
Kiminari Miyagawa¹, Shunsuke Yamamoto²
Mitsubishi Electric Information Systems Corporation¹, Mitsubishi Electric Corporation²

B11 Introduction and Development of "Quality Assurance Story"
Eiji Misumi¹, Tomohiro Izumi¹, Satoru Tanaka¹, Shinichi Sato¹
NTT DATA Corporation¹

B12 A Survey of Decision Tree for Data Streams to Detect Credit Card Fraud
Ayeaye Khine¹, Hnin wint Khaing¹
ICTRC¹

RoomC (Bagan) Dr. Khine Khine Oo, University of Computer Studies, Yangon

C09 The Impact of Change Management on Mining Acquisition Projects: The Case of Harmony Gold
Sanele W Nhlabatsi¹, Moses Motlhageng²
University of South Africa Graduate School of Business Leadership¹, Harmony Gold²

C10 The Influence of Critical Thinking Attitudes in Inference Process on Consensus Building
Masahiro Mori¹, Ayane Saito¹, Trung Kien Nguyen¹, Tsutomu Konosu¹
Chiba Institute of Technology¹

C11 IT Team Building by User-Side Bridge SE at Offshore IT Department of JOC
Yuki Hayashi¹
FUJITSU LIMITED¹

C12 A Study on Local People's PM Education in Developing Countries: From Experience in IT System
Development Project for Government in Myanmar and Vietnam
Yasutaka Kobayashi¹, Takeharu Hayashi¹, Naohiro Kitayama¹, Yasuyuki Anda¹
NTT DATA Corporation¹

RoomD (Mandalay) Mr. Susumu Funaki, IBM Japan Ltd.

D09 A Study on Quality Auditing for Digital Transformation (DX) Project: How Should Be the Quality Audit for
an Agile Development Project
Morikatsu Hirose¹
FUJITSU LIMITED¹

D10 Rank-based Feature Selection for High Dimensional Data
Thee Zin Win¹, Nang Saing Moon Kham²
University of Computer Studies, Yangon¹

- D11 Analysis and Considerations for Efficient PoC Project Management with Agile in the DX Era
Eiichi Kaneko¹
IBM Japan, Ltd.¹
- D12 Applying Agile Method to Organization Management: Consideration of Program Management Method by Organization Type
Hideki Kamijo¹
TDC SOFT INC.¹

RoomE (Inle) Dr. Lukas Sihombing, IAMPI-IPMA Indonesia

- E09 Research on the Information Literacy Process of Team-approached Medicine.
Tomoko Yamamoto¹, Tokiharu Miyahara¹, Lisa Yoshioka¹
Kawasaki University of Medical Welfare¹
- E10 Approach of Raising Awareness on the Business Model Reform: To Align the Executive and Young Employees with the Vector
Maiko Okada¹, Kenichi Masuo¹
NEC Solution Innovators, Ltd.¹
- E11 The Effect of Differences in Cognitive Strategies on Self-Conscious Emotional Characteristics
Trung Kien Nguyen¹, Shunya Okazaki¹, Tsutomu Konosu¹
Chiba Institute of Technology¹
- E12 Project Management Execution Support: Findings from Questioners with Client and PMO
Yoshie Suzuki¹
Management Solutions co., ltd.¹

RoomF (Nay Pyi Taw) Dr. Adi Prasetyo, IAMPI-IPMA Indonesia

- F09 Priority Based Offloading Engine for Resource Management in Fog Computing
Mi Swe Zar Thu¹, Ei Chaw Htoon¹
University of Information Technology¹
- F10 Future of Software Process Improvement Activities in Japanese Software
Hideto Ogasawara¹, Takumi Kusanagi², Ito Yuko², Kenji Adachi³, Keiji Kobata⁴
Chiba Institute of Technology¹, Toshiba Corporation², HBA Corporation³, DENSO Corporation⁴
- F11 Study on Creation of Customer Business Benefit by "Agile Management Tree"
Chika Yoshida¹
Bunkyo University¹
- F12 An Example of Successful System Reconstruction Project
Shunsuke Yamamichi¹
Hitachi Systems, Ltd.¹

12:10-13:50 **Lunch** (THE SQUARE, 5th Floor)

13:50-15:10 **Breakout Session 4** (4th Floor)

RoomA (Bago) Dr. Akira Yamazaki, Chiba Institute of Technology

- A13 Visualizing a Business Risk of IT Dispute: Applying a New Approach to Analyze Failure Cases of IT Projects
Hiroshi Ohtaka¹, Motomu Koumura¹, Hiroshi Nishikawa¹, Masahiro Isokawa¹, Kouichirou Oshika¹, Ryoizou Nagaoka¹, Hidemasa Kuwabara¹
IT Mieruka Institute¹, IT Mieruka Research²
- A14 Study of Management to Enhance the Social System for Solar Power Generation
Yuki Hayashi¹, Aya Takagi², Yoshikazu Yamaguchi², Akira Yamazaki²
Chiba Institute of Technology Graduate School¹, Chiba Institute of Technology²

- A15 Implementing E-waste Management for Reducing Energy in Green Networking Environment Through Virtualization
Su Su Win¹, Mie Mie Su Thwin²
Computer University, MyitKyina¹, University of Computer Studies, Yangon²
- A16 Effects of Activities to Improve Operations of a Large IT System by Using ITIL and CMMI
Masaki Kigure¹, Akihiro Mitsuhashi²
NTT DATA Corporation¹, NTT DATA Corporation²
- RoomB (Eureka)** Mr. Ben Bolland, BEVON Gilde BV
- B13 EVM Issues and Utilization Method in Project Cases
Takeshi Matsubara¹
IBM Japan Ltd.¹
- B14 A Case of Establishing Methods to Support Quantitative Management of Software Development Projects
Kimiaki Sugitani¹, Ryosuke Fukuhara¹
NEC Corporation¹
- B15 Practical Use of In-project PMO for Projects with Short Delivery Times and Many Stakeholders: PMO Practice Focusing on Stakeholder and Communication Management
Tomomi Katsura¹
FUJITSU LIMITED¹
- RoomC (Bagan)** Dr. Nang Saing Moon Kham, University of Computer Studies, Yangon
- C13 Practice of Adaptive Stakeholder Management for Project Success Which Respond to Changes
Takahiro Okamoto¹
NEC Corporation¹
- C14 A Case Study of the Japanese Multinational IT Servicer's Knowledge Transfer to Its APAC Subsidiaries: An Extension of SECI Model to Apply the Research of Creating and Transferring Knowledge Among Multinational Enterprises
Hiroyuki Endo¹
Japan Advanced Institute of Science and Technology, and iTee Corporation¹, iTee Corporation²
- C15 Solution to Communication Gap in Project Involving Collaboration with Foreign Stakeholder at Remote Location
Misa Sameshima¹
IBM Japan, Ltd.¹
- C16 Making Sense of Project Management Messes in Geographically Dispersed Project Teams: Finding a Vehicle for Success, the Case of South Africa Project Management Messes in Geographically Dispersed Project Teams
UNISA Graduate School of Business Leadership University of South Africa
Pantaleo Daniel Rwelamila¹, Cornwell Mtanga²
UNISA Graduate School of Business Leadership¹, University of South Africa²
- RoomD (Mandalay)** Mr. Luo, Yetian, Fujitsu (China) Holdings Co., Ltd.
- D13 Management for Realizing Innovations in Large Organizations
Kohei Arai¹
Fujitsu Social Science Laboratory Limited¹
- D14 Using a Modeling Method of Resilience Engineering for Continuous Improvement of a Local Revitalization Project
Shigeru Kusakabe¹, Motohide Yoshimura¹
University of Nagasaki¹

D15 Concept of Project Management by Introducing Automation
Keisuke Ishigou¹, Tadashi Kobayashi¹
NTT DATA System Technologies Inc.¹

RoomE (Inle) Dr. Prof. Shigeaki Tanimoto, Chiba Institute of Technology

E13 Myanmar Stock Named Entity Recognition for High Dimensional data in Local Business News Articles
Ei Thwe Khaing¹, Myint Myint Thein², Myint Myint Lwin²
University of Information Technology¹, University of Information Technology, Yangon, Myanmar²

E14 A Study on PM Development Focusing on Awareness
Naoki Tsujikawa¹, Eisuke Ootsuru²
NTT DATA CUSTOMER SERVICE CORPORATION¹, NTT DATA CORPORATION²

E15 Management and Support Methods Required to Deploy the AI Service Business Globally
Naoto Kaneko¹, Atsuhiko Yokoyama¹
NEC Solution Innovators, Ltd.¹

E16 Key Points for Project Manager to Perform the Capability in the Globally Standardized Project Oversea
Susumu Funaki¹
IBM GBS¹

RoomF (Nay Pyi Taw) Dr. Jesus Martinez Almela, President of IPMA

F13 The Cycle "from the Evaluation of Initial Planning at Order to the Post-order Monitoring" by a Third Party
Manabu Yamamoto¹
NTT DATA Corporation¹

F14 Examination of the Project Management in the Requirements Definition Phase
Takanori Imaizumi¹, Yasuyuki Takahashi¹, Takashi Kuwahara¹, Nobuhiro Ihara¹
Hitachi Social Information Services, Ltd.¹

F15 A project to Solve agricultural problem by using Naive Bayes Multinomial Classification of Machine Learning
Khine Khine Zin¹
Information and Communication Technology Training Institute¹, Information and Communication Technology
Research Centre²

F16 The Goals of Learning and Work for Adult Students Studying Project Management: A Study on Relearning of
Working People in Graduate School
Yumiko Miyake¹
Advanced Institute of Industrial Technology¹

Room G (Time Out)

World Cafe

Start-ups and traditional companies - how does it fit together?

Facilitator : Mr. Reinhard Wagner, Ex-President of IPMA

15:10-15:30 **Coffee Break** (4th Floor)

15:30-16:30 **Keynote 4** (PYAY Conference Room)

Key Elements to the Success of System Development Project for Myanmar Government

- Myanmar-Japan Joint Project MACCS/MCIS -

Mr. Minoru Umehara

Vice President and Head of Public Division 2, NTT DATA Corporation

MC: Mr. Takeshi Hojo (NTT DATA Corporation)

Friday, 15th November 2019

8:30-15:00 **Registration Desk** (4th Floor)

9:30-10:30 **Keynote 5** (PYAY Conference Room)

The Power of Portfolio Management

Mr. Paul Hodgkins

Executive Director, Paul Hodgkins Project Consultancy Limited

MC: Prof. Akira Yamazaki (Chiba Institute of Technology)

10:30-10:50 **Coffee Break** (4th Floor)

10:50-12:10 **Breakout Session 5** (4th Floor)

RoomA (Bago) Mr. Keishiro Fukumoto, IBM Japan Ltd.

A17 Analysis of Learners' Behaviors During Role-Play Training in Project Management Education

Taichi Nakamura¹

National Institute of Informatics¹

A18 Reforming Software Engineers' Work for Providing IT Services Operations: Improving Efficiency and Effectiveness of IT Services Operations by Using AI,

Atsuko Matsumoto¹

FUJITSU LIMITED¹

A19 Advantages and Limitation of ERP Software Soutlion for Non-Profit Humanitarian Organizations

Khaing¹

University of Computer Studies, Yangon¹

A20 A Study on Setting Up a Service Desk for the Shared System Used Among Multiple Countries and Regions Across the Globe

Yasutaka Yuki¹, Motohiro Yamazaki², Daisuke Kishizawa¹, Taketo Ishii¹

NTT DATA Corporation¹, Trans-Act Co., Ltd.²

RoomB (Eureka) Dr. Hideto Ogasawara, Chiba Institute of Technology

B17 A Study of Risk Management for Public Business with Highly Confidential Personal Information

Hikaru Uekusa¹, Shigeaki Tanimoto¹, Takashi Hatashima², Atsushi Kanai³

Chiba Institute of Technology¹, NTT Secure Platform Laboratories², Hosei University³

B18 The Role of PM in Balancing Maintenance and Large-scale Development Projects

Takahiro Hori¹

IBM Japan Ltd.¹

B19 Introduction of the Concept of Personal Software Quality

Bibhuti Bhusan Das¹

NEC Technologies India Private Limited¹

B20 Renovation of Management IT Platform by Leveraging SAP S/⁴ HANA

Naoyuki Matsumoto¹

Hitachi Systems, Ltd.¹

RoomC (Bagan) Dr. Masako Itoh, Seijo University

C17 Needed Functions on Co-Creation Environment of R&D Projects for Elderly People: Focus on Living Labs in France and Japan

Yasushi Togo¹, Shan Cong²

Kyushu University¹

- C18 Case Studies of Global Security System Implementation Specifically Focusing on Schedule, Stakeholder, Communication and Risk Management
Masahiro Ohira¹, Daisuke Kishizawa¹, Taketo Ishii¹
NTT DATA Corporation¹
- C19 The Study on Factors Affecting of Work Motivation in Thai Organizations
Phenpimon Wilairatana¹, Shunya Okazaki¹, Masahiro Yokohama¹, Kazutoshi Asakura¹, Pichit Ngamjarussrivichai², Rawich Wongsawad², Tsutomu Konosu¹
Chiba Institute of Technology¹, Thai-Nichi Institute of Technology²
- C20 Promotion of Collaboration with IT Vendors Using the Future Center
Hitoshi Tsunoda¹, Kiyomi Miyoshi²
Nagoya University of Economics¹, Fukuoka Women's University²

RoomD (Mandalay) Mr. Yoichiro Shimma, Hitachi Systems Ltd.

- D17 A Study of Learning Process in Agile Development Project Implementation: Challenge to Skill Shift by All Agile Inexperienced Engineers
Takahiro Yamauchi¹, Ryo Kawahata¹, Mieko Nishiyama¹, Yukihiro Nakamura¹, Takashi Koide¹
CRESCO LTD.¹
- D18 A Project to Improve an IT Training Course by JICA Volunteer Program in Myanmar
Kazutoshi Shimanaka¹
JICA senior volunteer¹
- D19 Agile Essences to Be Incorporated into Waterfall and Their Effects
Norio Maeda¹
IBM Japan Services Company Ltd.¹
- D20 Awareness of Policy Anomalies with Ruled-Based Firewall
Htay Htay Yi¹, Zin May Aye²
Information & Communication Technology Training Institute¹, University of Computer Studies, Yangon²

RoomE (Inle) Mr. Paul Hodgkins, Paul Hodgkins Project Consultancy Limited

- E17 Project Management Improvement for Projects of IT Services in India
Neeraj Bhagat¹, Takeharu Nomura¹
Hitachi Systems Micro Clinic¹
- E18 Analysis of Stress by Emotional Labor and Type A Behavior Pattern
Yuto Uchiyama¹, Yoshiyuki Takeda¹
Chiba Institute of Technology¹
- E19 ~~(withdraw) System Quality and Productivity Improvement by Pilot Development~~
~~Takumi Noda¹, Katsutoshi Iwabe¹, Masaya Inoue¹~~
~~NTT DATA System Technologies Inc.¹~~
- E20 A Study of Improvement in Selecting Methods for PBL Team Members According to High Priority Purpose
Ryo Tamada¹, Michio Shimomura¹
Chiba Institute of Technology¹

RoomF (Nay Pyi Taw) Mr. Ben Bolland, BEVON Gilde BV

- F17 Accomplishments and Lessons Learnt Through Activities to Build a Team for Maintenance and Operation of IT System by Myanmar Local Members
Akihiro Mitsuhashi¹, Masaki Kigure¹
NTT DATA Corporation¹
- F18 Effect of Type A Behavior Pattern on Leadership
Kohta Muramatsu¹, Yuto Uchiyama¹, Takahiro Harashima¹, Yoshimasa Hayakawa¹, Keita Funamizu¹, Yoshiyuki Takeda¹
Chiba Institute of Technology¹

- F19 Recurrent Education for Senior IT Engineers to Promote Social Projects: Skill Shift from IT Engineer to Social Project Manager
Hitoshi Hirai¹
Chuo University¹
- F20 The Factors Survey on Practical Project Management for ICT Project Training in Myanmar
Nan Si Kham¹
Information and Communication Technology Training Institute¹, Information and Communication Technology Research Centre²

12:10-13:30 **Lunch** (THE SQUARE, 5th Floor)

13:30-14:30 **Keynote 6** (PYAY Conference Room)

Achieving better business outcomes with an ISO PMSS Plug-in?

Mr. Ben Bolland

Project and Quality Management Consultant, Auditor, Het BEVON Gilde BV

MC: Ms. Natsuko Sato (Hitachi, Ltd.)

14:30-15:00 **Closing Ceremony** (PYAY Conference Room)

Mr. Takashi Uesaka, President of SPM/ IPMA-JAPAN, IBM Japan, Ltd.

Dr. Jesus Martinez Almela, President of IPMA

Dr. Naychi Lai Lai Thein, Deputy Director General of Information and Communication Technology Research Center

Dr. Tetsuro Seki, Vice President of SPM, Chair of Program Committee, Bunkyo University

Mr. Masaaki Nomoto, Vice President of SPM, Hitachi, Ltd.

MC: Ms. Misa Sameshima (IBM Japan Ltd.)

16:30 **Move** to "Karaweik Palace"(by Pick-up Bus, meeting at **Conference Lobby**, Departure Time **16:30**)

17:30-19:00 **ProMAC Gala Dinner** (Karaweik Palace)

MC: Mr. Toyoki Hanagata (Fujitsu Learning Media Limited)

Ms. Mayuko Tomita (FUJITSU LIMITED)

Saturday, 16th November 2019

ProMAC Fact Finding Tour (meeting at **Conference Lobby**)

Group 1 Departure 09:00/ Back to Novotel 15:00 (for JAL via Bangkok and other evening flight travelers)

Group 2 Departure 11:00/ Back to Novotel 17:00 (for ANA and other night flight travelers)

These two bus tours visit the same places, and both of them are including all entrance fee for visit, but not including any meal allowance. Please confirm the details and register, choose one from two groups, at on-site ProMAc2019 tour desk.



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