



CHERRY BLOSSOM SYMPOSIUM 2 0 1 6

The 10th International Conference of
Clinical Laboratory Automation

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WELCOME MESSAGE



Junghan Song, M.D., Ph.D.
Chairman, Organizing Committee

Dear Colleagues and Friends,

On behalf of the CBS 2016 organizing committee, it is my pleasure to extend a warm welcome to all of you to the 10th International Conference of Clinical Laboratory Automation (Cherry Blossom Symposium) in Seoul from April 20 to 22, 2016.

This year, the Cherry Blossom Symposium is celebrating its 10th anniversary since the first meeting was held in Kochi, Japan in 1998. I would like to take this opportunity to thank all of the people who have contributed to sustainable development and the success of the Cherry Blossom Symposium.

The Organizing Committee has assembled an exciting and informative conference program including plenary lectures, symposia, industry workshops, poster session and exhibitions. I hope you benefit from the latest information, strengthen your professional networks and leave with both valuable and enjoyable memories in Korea.

I thank you all for attending this conference and look forward to your passionate participation.

Sincerely,

A handwritten signature in black ink, appearing to read "Song".

Junghan Song, M.D., Ph.D.
Chairman, Organizing Committee

ORGANIZING COMMITTEE



Organizing Committee

Chairman	Junghan Song	Seoul National University College of Medicine
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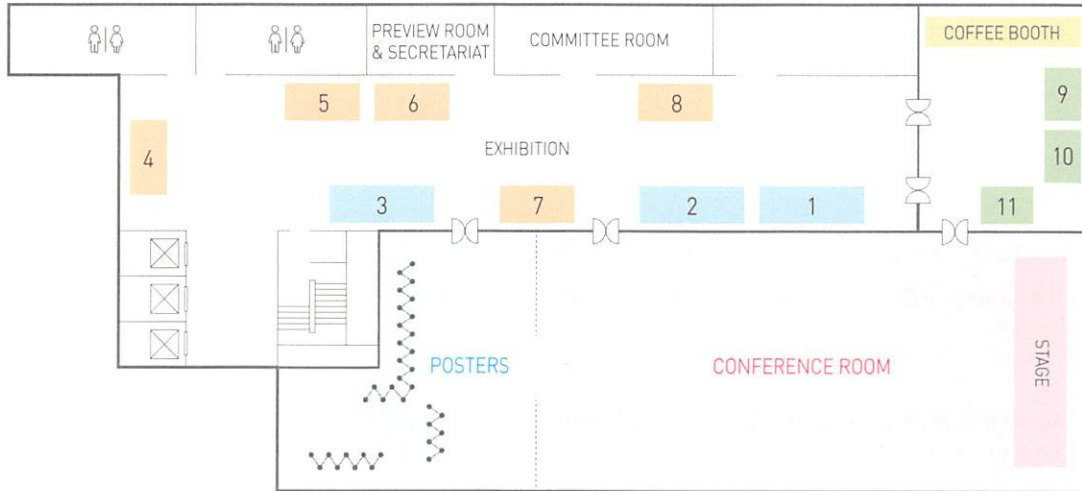
Advisory Board











Masato Maekawa	Hamamatsu University School of Medicine
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Yasushi Takagi	Showa University School of Medicine
Masayoshi Hayashi	Sysmex Corporation
Shigetaka Misaka	A&T Corporation
Shigeyuki Saneyoshi	Techno Medica Corporation

PROGRAM AT A GLANCE

TIME	APRIL 20 (WED)	APRIL 21 (THU)	APRIL 22 (FRI)
08:00		Registration	Industry Workshop 5
09:00		Opening Ceremony	Symposium 3
10:00		Symposium 1	
11:00		Break	Break
12:00		Plenary Lecture 1	Plenary Lecture 2
13:00		Industry Workshop 1	Industry Workshop 6
14:00		Poster Session	Poster Session
15:00	Site Tour	Industry Workshop 2	Symposium 4
16:00		Industry Workshop 3	
17:00		Symposium 2	Symposium 5
18:00	Break		
19:00		Industry Workshop 4	Closing Ceremony
20:00	Board Meeting	Exhibition Tour	
	Invited Dinner (Invited only)	Welcome Reception	

LAYOUT & SPONSORS



DIAMOND		A&T Corporation	1
		Sysmex Corporation	2
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PLATINUM PLUS	Ortho Clinical Diagnostics	Ortho Clinical Diagnostics	8
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		Siemens	4
GOLD		Arkray	10
		bioMérieux Korea Co., Ltd.	11
		Dong-A ST	9

08:30 - 09:00 **Opening Ceremony**

09:00 - 10:30 **Symposium 1**

**Current Status of Laboratory Automation Systems in the Fields of Preanalytical Phases:
Contributions to Quality Management**

Chairs: Kyou-Sup Han, Seoul National University College of Medicine, Korea
Tetsuro Sugiura, Kochi Medical School Hospital, Kochi University, Japan

09:00 - 09:30 **The Strategy of Connecting the Automated Pre-analytical Robotic Workstations to the Total Laboratory Automation Systems**

Pimpun Kitpoka, Ramathibodi Hospital, Thailand

09:30 - 10:00 **Automation of the Clinical Mass Spectrometry Workflow**

Daniel T. Holmes, St. Paul's Hospital, Canada

10:00 - 10:30 **Impacts of Sample Transportation Systems on the Preanalytical Phases of TLA Systems**

Sang Hoon Song, Seoul National University Hospital, Korea

10:30 - 11:00 **Break**

11:00 - 12:00 **Plenary Lecture 1**

Chair: Junghan Song, Seoul National University College of Medicine, Korea

Almighty Google Knows Everything! - Big-data and Network Science

Hawoong Jeong, Korea Advanced Institute of Science and Technology, Korea

12:00 - 13:00 **Industry Workshop 1**

Chair: Soon Pal Suh, Chonnam National University Medical School, Korea

Renovating the Now to Achieve the Next

Tetsuro Sugiura, Kochi Medical School Hospital, Japan

13:00 - 13:30 **Poster Session**

13:30 - 14:00 **Industry Workshop 2**

Chair: Jeong-Ho Kim, Yonsei University College of Medicine, Korea

Cobas® Connection Modules (CCM) Performance Focusing on the Laboratory Test Efficiency

Young Ahn Yoon, Soonchunhyang University Cheonan Hospital, Korea

14:00 - 14:30 **Industry Workshop 3**

Chair: Kye Chul Kwon, Chungnam National University College of Medicine, Korea

VITROS® Automation Solutions - Open, Flexible and Scalable Hardware and Data Management to Boost Efficiency of Laboratories

Hubert Guyot, Ortho Clinical Diagnostics, France

14:30 - 16:00 Symposium 2

Fundamentals of Implementations of Total Laboratory Automation (TLA) Systems

Chairs: Won-Ki Min, University of Ulsan College of Medicine, Korea
Hirofuka Matsui, Graduate School of Medical Sciences, Kumamoto University, Japan

14:30 - 14:50 **Current Status and Future Perspectives of TLA Systems**

Hwan Sub Lim, Seoul Medical Science Institute, Korea

14:50 - 15:10 **How to Deliver Pathology Economics with New Laboratory Design**

Stephane Gidenne, Ketterthill Laboratories, Luxembourg

15:10 - 15:30 **Considerations of TLA Systems Based on 10-year Experience in the Clinical Laboratories of the Compact Sized Hospitals**

Myung-Geun Shin, Chonnam National University Medical School, Korea

15:30 - 15:50 **Contribution to the Shortening of TAT Due to TLA**

Etsuko Hamada, Hamamatsu University School of Medicine, Japan

15:50 - 16:00 **Discussion**

16:00 - 16:30 **Break**

16:30 - 17:30 Industry Workshop 4

Chair: Hyon-Suk Kim, Yonsei University College of Medicine, Korea

16:30 - 16:50 **Transforming Laboratories with AlinIQ**

Polly Wu, Abbott Laboratories, Singapore

16:50 - 17:10 **Implementing TLA: Project Planning, Transition Management & Optimization**

Vincent Chiera, Siemens Healthcare Pty Ltd, Australia

17:10 - 17:30 **Customer Process Improvement "Process Innovation, the Key to Achieving your Laboratory's Full Potential"**

Sergio Sanchez, Beckman Coulter, USA

17:30 - 18:30 **Poster & Exhibition Tour**

18:30 - 20:00 **Welcome Reception**

08:00 - 08:40 Industry Workshop 5

Chair: Hyosoon Park, Sungkyunkwan University School of Medicine, Korea

History and Future of Automated Tube Selecting and Labeling System BC-ROBO®
Mami Ushio, Techno Medica Corporation, Japan

08:40 - 10:30 Symposium 3

Cutting Edge of Automation in the Fields of Hematology

Chairs: Jang Soo Suh, Kyungpook National University, Korea
Yukio Ozaki, Fuefuki Chuo Hospital, Japan

08:40 - 09:00 **Digital Imaging: The Next Chapter in Haematology**
Jurgen Riedl, Albert Schweitzer Hospital, The Netherlands

09:00 - 09:20 **Performance Evaluation of Image Analyzers**
Mina Hur, Konkuk University School of Medicine, Korea

09:20 - 09:40 **Applications of Automation Systems to Chromosome Analysis or to FISH Analysis**
Jin-Yeong Han, Dong-A University College of Medicine, Korea

09:40 - 10:00 **Shifting Paradigms: Redefining the Role and Application of Automated Haematology Analysers in Clinical Practice**
Hemalatha Shanmugam, University of Malaya, Malaysia

10:00 - 10:20 **Establishment of Review Criteria for XN-2000 Hematology Analyzer with Automated Review Function and its Clinical Application**
Wei Cui, Peking Union Medical College Hospital, China

10:20 - 10:30 Discussion

10:30 - 11:00 Break

11:00 - 12:00 Plenary Lecture 2

Chair: Akira Suwabe, Iwate Medical University, Japan

Soft Robotics: New Approach for Bio-inspired Robotics
Kyujin Cho, Seoul National University, Korea

12:00 - 13:00 Industry Workshop 6

Chair: Sun Hoe Koo, Chungnam National University College of Medicine, Korea

The New Sysmex Urinalysis Solution Improve Efficiency of Microscopy Process
Youichi Imai, Sysmex Corporation, Japan
Motoi Kinishi, Sysmex Corporation, Japan

13:00 - 13:30 Poster Session

13:30 - 15:00 Symposium 4

Next Generation Laboratory Automation Systems in the Fields of Microbiology and Molecular Diagnostics

Chairs: Nam Yong Lee, Sungkyunkwan University School of Medicine, Korea
Masato Maekawa, Hamamatsu University School of Medicine, Japan

13:30 - 13:50 **Clinical Usefulness of Automated Specimen Processing Systems in Microbiology**
Masanori Ohkuma, Kumamoto University Hospital, Japan

13:50 - 14:10 **Clinical Usefulness of Automation Systems of Sample(DNA or RNA) Preparations in Molecular Diagnostics**
Eun-Hae Cho, Green Cross Genome, Korea

14:10 - 14:30 **Latest Applications of Automation Systems on the Next Generation Sequencing (NGS)**
Hiroto Saito, Hamamatsu University School of Medicine, Japan

14:30 - 14:50 **Automated Molecular Platforms to Improve Diagnosis for Infection in Microbiology**
Beverly B. Rogers, Emory University School of Medicine, USA

14:50 - 15:00 Discussion

15:00 - 16:30 Symposium 5

**Integrated Approach of Laboratory Automation Systems with Information and Communication Technology (ICT):
What is the Promising Role of ICT in Postanalytical Phases?**

Chairs: Jong-Won Kim, Sungkyunkwan University School of Medicine, Korea
Kyoko Takeda, St Luke's International Hospital, Japan

15:00 - 15:20 **How to Use Middle Ware Applications for Risk Management in Clinical Laboratories?**
Hyung Hoi Kim, Pusan National University School of Medicine, Korea

15:20 - 15:40 **Big Data Analysis in Clinical Laboratories**
Hiromi Kataoka, Kochi Medical School, Center of Medical Information Science, Japan

15:40 - 16:00 **CPOCT, Connectivity, Data Integration: An Evolving Approach to Direct Patient Care & Big Data**
Jeffrey A. DuBois, Nova Biomedical Corporation, USA

16:00 - 16:20 **Integration of All Laboratory Data System for Supporting Analysis of Target Pathological Conditions in the Hospital**
Munekazu Yamakuchi, Kagoshima University Graduate School of Medical and Dental Sciences, Japan

16:20 - 16:30 Discussion

16:30 - 17:00 Closing Ceremony