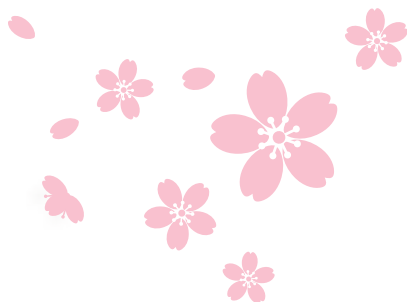# CHERRY
BLOSSOM
SYMPOSIUM

THE 10th INTERNATIONAL CONFERENCE OF
CLINICAL LABORATORY AUTOMATION

April 20 / 21 / 22, 2016
GLAD Hotel Yeouido, Seoul, Korea

Host

LM The Korean Society
for Laboratory Medicine

Diamond Sponsors

A&T A&T Corporation | sysmex | Techno Medica

INVITATION

Dear Colleagues and Friends,

It is my great pleasure to invite you to the 10th International Conference of Clinical Laboratory Automation to be held from April 20 to 22, 2016 in Seoul, Korea.

Since the first meeting in 1998, the biannual symposium has served as a fundamental platform for people involved in the field of clinical laboratory automation to share the most up-to-date developments, research results, and accomplishments in related fields.

The Organizing Committee is gearing up for an exciting and informative conference program including plenary lectures, symposia, industry workshops and poster presentations.

As one of the most beautiful locations in the world to marvel at the cherry blossoms coming into full bloom, Seoul also offers magnificent state-of-the-art facilities and convenient public transportation, making it the ideal city to host the CBS 2016 conference. Also, the venue, the Glad Hotel is located across from the National Assembly of the Republic of Korea, the center of the nation's politics.

I hope you will join us at the 10th International Conference of Clinical Laboratory Automation and enjoy the beautiful cherry blossom season with all the global experts.

All the members of the Organizing Committee look forward to meeting you in Seoul, Korea.

Sincerely,

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

PROGRAM

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

ORGANIZING COMMITTEE

Chairman	Junghan Song	Seoul National University Bundang Hospital
Secretary General	Sail Chun	University of Ulsan, Asan Medical Center
Scientific Program Chair	Jong-Rak Choi	Yonsei University College of Medicine
Exhibition Chair	Yeo-Min Yun	Konkuk University Medical Center
Finance Chair	Sung Eun Cho	LabGenomics Clinical Laboratories
Operation Chair	Nam-Hee Ryoo	School of Medicine, Keimyung University

ADVISORY BOARD

Masato Maekawa	Hamamatsu University School of Medicine
Tetsuro Sugiura	Kochi Medical School Hospital, Kochi University
Yukio Ozaki	Fuefuki Chuo Hospital
Akira Suwabe	Iwate Medical University
Yasushi Takagi	Showa University School of Medicine
Won-Ki Min	University of Ulsan, Asan Medical Center
Masayoshi Hayashi	Sysmex Corporation
Shigetaka Misaka	A&T Corporation
Shigeyuki Saneyoshi	Techno Medica Co., Ltd

SCIENTIFIC PROGRAM

PLENARY LECTURES

PL 1 **Almighty Google Knows almost Everything, Complex Networks and Big-data**
Hawoong Jeong, Korea Advanced Institute of Science and Technology, Korea

PL 2 **Soft Robotics: New Approach for Bio-Inspired Robotics**
Kyu-jin Cho, Seoul National University, Korea

SYMPOSIA

SY 1 **Current Status of Laboratory Automation Systems in the Fields of Preanalytical Phases: Contributions to Quality Management**

Strategy of Connecting the Automated Preanalytical Robotic Workstations to the Total Laboratory Automation (TLA) Systems
Pimpun Kitpoka, Ramathibodi Hospital, Thailand

Automated Sample Preparation and Data Workflow for Clinical Mass Spectrometry
Daniel T. Holmes, St. Paul's Hospital, Canada

Automation Strategies in Preanalytical Process
Tzong-Shi Chiueh, Tri-Service General Hospital, Taiwan

Impacts of Sample Transportation Systems on the Preanalytical Phases of TLA Systems
Sang Hoon Song, Seoul National University Hospital, Korea

SY 2 **Fundamentals of Implementations of Total Laboratory Automation (TLA) Systems**

Current Status and Future Perspectives of TLA Systems
Hwan Sub Lim, Catholic Kwandong University College of Medicine, Korea

The Latest Situation of Laboratory Automation in Europe
Bert W J J M Westerhuis, St. Elisabeth Hospital in Tilburg, The Netherlands (TBD)

Considerations of TLA Systems Especially on Clinical Laboratories of the Compact Sized Hospitals
Hyun Jung Choi, Chonnam National University Bitgoeul Hospital, Korea

Contribution to the Shortening of TAT Due to TLA
Etsuko Hamada, Hamamatsu University School of Medicine, Japan

SY 3   **Cutting Edge of Automation in the Fields of Hematology**

Digital Imaging: the Next Chapter in Haematology
Jurgen Riedl, Albert Schweitzer Hospital, The Netherlands

Performance Evaluation of 'Image Analyzers'
Mina Hur, Konkuk University School of Medicine, Korea

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

Shifting Paradigms: Redefining the Role and Application of Automated Haematology
Analysers in Clinical Practice
Hemalatha Shanmugam, University of Malaya, Malaysia

The XN Review Rules Setting and Clinical Application
Wei Cui, Peking Union Medical College Hospital, China

SY 4   **Next Generation Laboratory Automation Systems in the Fields of Microbiology and
Molecular Diagnostics**

Clinical Usefulness of Automated Specimen Processing Systems in Microbiology
Masanori Ohkuma, Kumamoto University Hospital, Japan

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

Latest Applications of Automation Systems on the Next Generation Sequencing (NGS)
Hirotomo Saitsu, Yokohama City University Graduate School of Medicine, Japan

Automated Molecular Platforms to Improve Diagnosis for Infection
Beverly B. Rogers, Emory University School of Medicine, USA

SY 5   **Integrated Approach of Laboratory Automation Systems with Information and Communication
Technology (ICT): What is the Promising Role of ICT in Postanalytical Phases?**

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

Big Data Analysis in Clinical Laboratories
Hiromi Kataoka, Kochi Medical School, Center of Medical Information Science, Japan

POCT, Connectivity, Data Integration: An Evolving Approach to Direct Patient Care
Jeffrey A. DuBois, Nova Biomedical Corporation, USA

Integration of All Laboratory Data System for Supporting the Analysis of Target Pathological
Conditions in the Hospital
Munekazu Yamakuchi, Kagoshima University Hospital, Japan

INDUSTRY WORKSHOPS

4 Industry Workshops will feature recent information and cutting-edge technology. Detailed information will be updated on the website (www.labauto2016.org).

POSTER SESSIONS

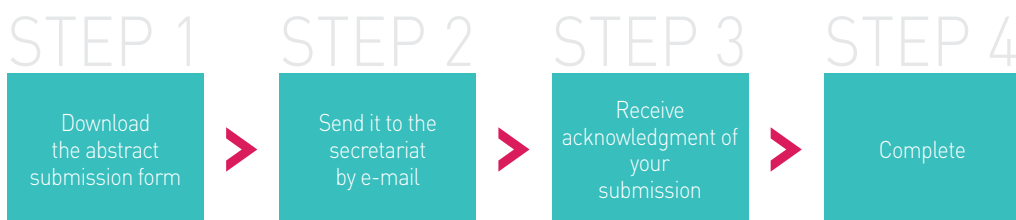More than 50 papers will be presented interactively with posters.

ABSTRACT
SUBMISSION

The CBS 2016 Organizing Committee cordially invites you to submit abstracts for poster presentations. All abstracts must be submitted by e-mail (seoul@labauto2016.org). Please check the 'Guidelines and Steps for Submitting Abstracts' on our official website (www.labauto2016.org) before submitting your abstract.

STEPS FOR SUBMITTING ABSTRACTS

STEP 1	STEP 2	STEP 3	STEP 4
Download the abstract submission form	Send it to the secretariat by e-mail	Receive acknowledgment of your submission	Complete

BEST POSTER AWARD

The CBS 2016 Organizing Committee is pleased to offer the best poster award as part of its efforts to honor outstanding scientific performance and achievements. The winner will receive a certificate and a grant.

KEY DATES

Deadline for abstract submission: January 31, 2016
Notification of abstract acceptance: by February 13 , 2016
Deadline for pre-registration: February 28 , 2016
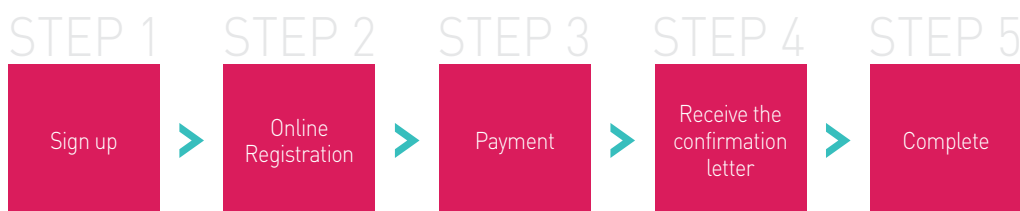
REGISTRATION

All participants are required to register through the CBS 2016 online registration system and advised to register in advance (by February 28, 2016) to receive the pre-registration discount. Please visit the website (www.labauto2016.org) for more information.

CATEGORY	PRE-REGISTRATION (Until February 28, 2016)	ON-SITE REGISTRATION (From March 1, 2016)
Participant	USD 150	USD 200
Manufacturer	USD 250	USD 300
Resident/Student	USD 50	USD 100
Accompanying Person	USD 100	USD 100

- Students are requested to submit proof of enrollment or student ID/certificate to verify their status to the secretariat by e-mail or fax.
- The above registration fees include all symposium activities: scientific sessions, reception, exhibition and coffee breaks.
- Exception: Accompanying person fees include only reception and exhibition.

REGISTRATION PROCESS

STEP 1		STEP 2		STEP 3		STEP 4		STEP 5
Sign up	>	Online Registration	>	Payment	>	Receive the confirmation letter	>	Complete

CANCELLATION POLICY

Cancellation must be notified to the secretariat in writing by e-mail (seoul@labauto2016.org).
- Refunds will be made after the end of CBS 2016.
- All bank service charges and administration fees will be deducted from the registration refund.
- Please refer to the following cancellation cutoff dates.

Cancellation by February 28, 2016	50 % refund
Cancellation After February 28, 2016	No refund

VENUE

GLAD HOTEL YEOUIDO

The GLAD Hotel is located in Seoul. Yeouido is an enclave that faces the city center of Jongro, Yongsan, Mapo and flanked by the Gangnam Financial District.

Address 16, Uisadang-daero, Yeongdeungpo-gu, Seoul, Korea
Tel +82. 2. 6222. 5000
Fax +82. 2. 6222. 5700
E-mail info@glad-hotels.com
Homepage http://www.glad-hotels.com/index.do

From Incheon Int'l Airport to Venue: 53km (40mins.)
From Gimpo Int'l Airport to Venue: 13km (25mins.)