

10th International Conference on Separation Science and Technology (ICSST 14)

October 30 – November 1, 2014

Nara Prefectural New Public Hall, Nara, Japan

Organized by

The Society of Separation Process Engineers, Japan (SSPEJ)

The Division of Separation Technology, Korean Institute of Chemical Engineers (KIChE)

INTRODUCTION

The ICSST was first held in 1987 in Kyongju of Korea as the International Symposium on Separation Technology between Korea and Japan. Since the 7th conference (2005), the name of conference has been changed as International Conference on Separation Science and Technology (ICSST), and the conference was opened to many other countries of the world. The ICSST has been held every 3 years since 1987 for the advancement of separation technology as well as the enhancement of the mutual understanding and friendship among researchers in the area of separation sciences and technologies.

The 9th ICSST (ICSST 11) was held during November 3 - 5, 2011 in Jeju Island of Korea. Around 400 papers were presented for the following 8 sessions including 4 plenary lectures, and interesting discussion was carried out.

- Phase Equilibria/Transport Properties
- Distillation/Absorption
- Crystallization
- Adsorption

- Membrane Separation/Fluid-solid Separation
- Extraction/Supercritical Fluid Technology
- Bioseparation
- New Separation Process & Materials for Energy & Environment

The 4th, 6th and 8th conferences took place in Japan. The 4th ICSST (1996) and the 6th ICSST (2002) were held at Waseda University in Tokyo, and the 8th ICSST (2008) was held at the Karuizawa Seminar House of Nihon University in a resort "Karuizawa". The Society of Separation Process Engineers, Japan (SSPEJ) decided to hold the 10th ICSST (ICSST 14) in Kansai area of Japan for the first time. The organizing committee of ICSST 14 selected Nara, the ancient capital of Japan, as the conference site. ICSST 14 will become a fruitful international conference in commemoration of the 10th conference.

The organizers invite you warmly to participate to this international event in separation sciences and technologies. We hope that you will have an unforgettable ICSST 14 in Nara and we are looking

forward to meeting you in the wonderful city of Nara, during October 30 – November 1, 2014.

VENUE

The ICSST 14 Conference will take place at Nara Prefectural New Public Hall, which was constructed in 1987 in commemoration of the 100th anniversary of the establishment of Nara Prefecture. The hall is a beautiful Japanese-style building to remind of a building of the Tempyo period in Japan. Its roof is a yosemune-zukuri (hipped), and is covered with traditional Japanese tiles. The Hall has an impressive Noh theatre, which can be easily converted into a multi-purpose auditorium, conference rooms, a reception hall and a spacious garden.

The Hall is located in the center of Nara National Park, which is famous for its beauty and 1,200 tame deer. Famous tourist spots such as Kofukuji Temple, Todaiji Temple, Kasuga Shrine are within walking distance from the hall. In addition, a Shoso-in exhibition will be held at Nara National Museum during a conferencing period.



Nara Prefectural New Public Hall

Nara Prefectural New Public Hall

101 Kasugano-cho Nara-shi, Nara 630-8212, Japan
<http://www.shinkokaido.jp/>

About Nara City

<http://narashikanko.or.jp/en/>



Opening ceremony and plenary lecture



Oral presentation



Poster presentation

CONFERENCE SCHEDULE

October 30

14:00-18:00 Registration
18:00-19:00 Chairmen's Meeting

19:00-20:30	Welcome Reception
October 31	
9:00-9:30	Opening Ceremony
9:30-11:45	Plenary Lecture
14:00-17:00	Oral and Poster
18:00-20:00	Banquet
November 1	
9:00-12:00	Oral and Poster
12:00-	Wrap-up

TOPICS OF CONFERENCE

- 1) Phase Equilibria/Transport Properties
- 2) Distillation/Absorption
- 3) Crystallization
- 4) Adsorption
- 5) Membrane Separation/Fluid-solid Separation
- 6) Extraction/Supercritical Fluid Technology
- 7) Bioreseparation
- 8) New Separation Process & Materials for Energy & Environment

DATES TO NOTE

July 31, 2014: Dead line for abstracts submission

August 31, 2014: Final Program and Dead line for “early-bird” registration

REGISTRATION FEE

Until August 31

Academia and Industry	50,000 yen
SSPEJ Member	40,000 yen
KIChE member	35,000 yen
Student	20,000 yen

From September 1

Academia and Industry	55,000 yen
SSPEJ Member	45,000 yen
KIChE member	40,000 yen
Student	25,000 yen

ABSTRACT SUBMISSION

The maximum length of the Abstract is 2

pages. Page settings: size A4, 3 cm top, 2.5 cm bottom, left and right margins, two columns (0.8 cm between them). The template of Abstract can be available.

ORGANIZATION (JAPAN SIDE)

Conference Chairmen:

Hajime Tamon (Kyoto Univ.)

Program Chairmen:

Hiroshi Ooshima (Osaka City. Univ.)
Toshihiko Hiaki (Nihon Univ.)

Organizing Committee:

Hiroshi Yagi (HyChem Techno)
Kazuyuki Chihara (Meiji Univ.)
Peter Cummings (Vanderbilt Univ., USA)
Masakuni Matsuoka (Tokyo Univ. of Agriculture & Technology)
Tadanori Misawa (Kagaku Kogyousya Inc.)
Kunio Nagahama (Tokyo Metropolitan Univ.)
Kenji Ochi (Nihon University)
V. K. Rattan (Panjab Univ., India)
John Show (Univ. Alberta, Canada)
Yasushi Takeuchi (Meiji Univ.)
Katsumi Tochigi (Nihon Univ.)
Ken Toyokura (Waseda Univ.)

Secretary Members:

Koichi Igarashi (Osaka City. Univ.)
Shiro Misawa (Kagaku Kogyousya Inc.)
Masaki Okada (Nihon Univ.)

Steering Committee:

Hidemi Nakamura (Nara Nat. Col. of Tech.)
Masanori Miyake (Sumitomo Seika Chemicals Co., Ltd.)
Hiroyuki Miura (Daicel Corp.)
Yoshikazu Miyake (Kansai Univ.)
Koji Mukai (Takeda Pharmaceutical Company Limited)
Hideo Noda (Kansai Chem. Eng. Co., Ltd.)
Takenori Kitaura (Sumitomo Chemical Co., Ltd.)

Hiroshi Umakoshi (Osaka Univ.)

Session Organizers* and Chairmen (Japan Side):

A: Phase Equilibria/Transport Properties

Hiroshi Inomata* (Tohoku Univ.)
Yusuke Shimoyama (Tokyo Institute Tech.)
Shigeo Oba (Applied Thermodynamics and Physical Properties Co., Ltd.)
Yoshio Iwai (Kyushu Univ.)

B: Distillation/Absorption

Hideki Mori* (Nagoya Institute Tech.)
/Susumu Nii* (Nagoya Univ.)
Toshihiro Wakabayashi (Toyo Eng. Corp.)
Kazuya Goto (RITE)

C: Crystallization

Hiroshi Takiyama* (Tokyo Univ. of Agriculture and Technology)
Izumi Hirasawa (Waseda Univ.)
Kouji Maeda (Univ. of Hyogo)
Tomomichi Hino (Mitsubishi Rayon Co., Ltd.)

D: Adsorption

Akiyoshi Sakoda* (Univ. of Tokyo)
Kazuyuki Nakai (BEL Japan, Inc.)
Akio Kodama (Kanazawa Univ.)
Akihiko Matsumoto (Toyohashi Univ. of Technology)

E: Membrane Separation/Fluid-solid Separation

Hideto Matsuyama* (Kobe Univ.)/Kazuho Nakamura* (Yokohama National Univ.)
Mitsuru Higa (Yamaguchi Univ.)
Tomohisa Yoshioka (Hiroshima Univ.)
Takuji Shintani (Nitto Denko Co.)
Nobuyuki Katagiri (Nagoya Univ.)
Takanori Tanaka (Osaka Prefecture Univ.)
Masato Sumiya (Pall Corp.)

F: Extraction/Supercritical Fluid Technology

Motonobu Goto* (Nagoya Univ.)
Hirohisa Uchida (Shinshu Univ.)
Mitsuru Sasaki (Kumamoto Univ.)
Yoshiteru Horikawa (Jasco Corp.)

G: Bioseparation

Masahiro Goto* (Kyushu Univ.)
Shuichi Yamamoto (Yamaguchi Univ.)
Hiroshi Umakoshi (Osaka Univ.)
Tatsuya Oshima (Miyazaki Univ.)

H: New Separation Process & Materials for Energy & Environment

Akinori Muto* (Osaka Prefecture Univ.)
Norikazu Nishiyama (Osaka Univ.)
Tsutomu Ono (Okayama Univ.)
Akira Matsuoka (Kobe Steel, Ltd.)

