

30 Years History of ISMTII - Measurement Technology and Intelligent Instruments -

Kiyoshi Takamasu

The University of Tokyo



ISM TI1989 - ISMTII2019

1. 1989: Wuhan, China
2. 1993: Wuhan, China
3. 1996: Hayama, Japan
4. 1998: Miskolc-Lillafured, Hungary
5. 2001: Giza-Cairo, Egypt
6. 2003: Hong Kong
7. 2005: Huddersfield, UK
8. 2007: Sendai, Japan
9. 2009: St. Petersburg, Russia
10. 2011: Daejeon, Korea
11. 2013: Aachen, Germany
12. 2015: Taipei, Taiwan
13. 2017: Xi'an, China
14. 2019: Niigata, Japan



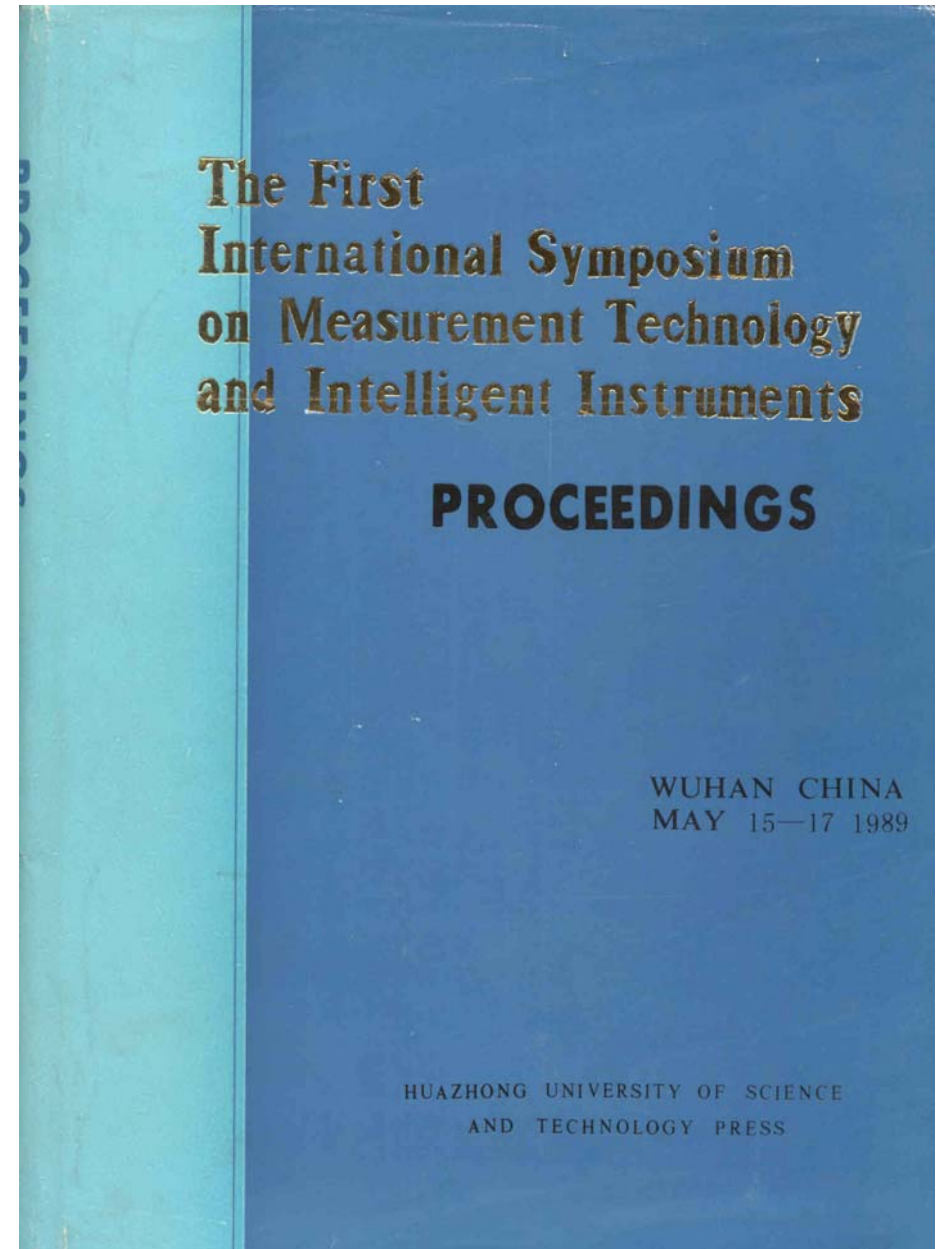
1st ISMTII1989 - 3rd ISMTII1996

Establishment of ICMI



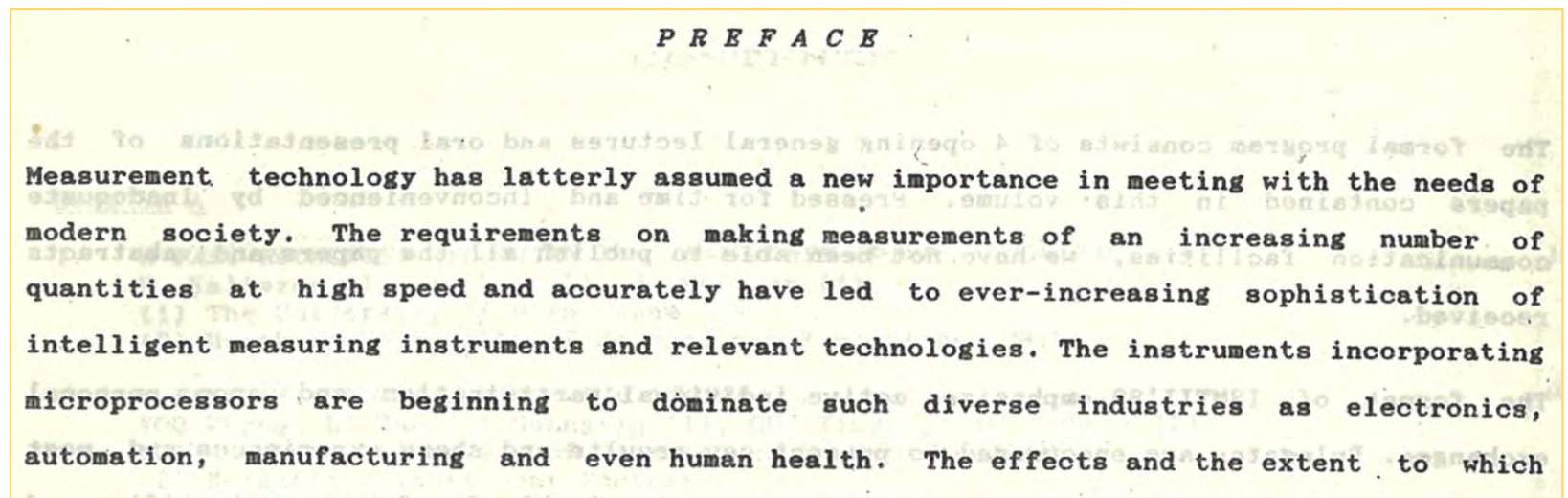
1st ISMTII 1989 Wuhan/China

- 1st ISMTII 1989 was held in Wuhan, China, in 1989.
 - Chairman: Shi Hanming
 - Vice Chairman: H. Khandani
 - Program Committee
 - Chair: LI Zhu
 - Co-Chair: S. Buckley, H. Kaliszer, A. Shimokohbe
- Prof. Shimokohbe sent me the proceedings of the 1st ISMTII.
 - 1.5 kg, over 800 pages, 237 papers



Prof. Li Zhu said in preface of the proceedings:

- Measurement technology has latterly assumed a new importance in meeting with the needs of modern society. The requirements on making measurements of an increasing number of quantities at **high speed and accurately** have led to ever-increasing **sophistication of intelligent measuring instruments and relevant technologies**.
- It is my fervent hope that the present Symposium will lead to **a series of future symposia of this kind** and that even more **enthusiastic organizations and individuals** will take part in making preparations for their convocation.



2nd ISMTII1993/Wuhan

- 258 papers, 1460 pages (2 books) by SPIE
- Program Committee
 - Chairman: Li Zhu
 - Co-Chairs: S. Buckley, H. Kaliszer, A. Shimokohbe
 - (Japanese): H. Imai, T. Miyoshi, S. Ozono
- **Mysteries of 2nd ISMTII**
 - Why was there 4 years from 1st ISMTII1989 to 2nd ISMTII1993?
 - Why was it held again in Wuhan?
 - Why was the Yangtze River cruise planned?
 - How did you prepare for the establishment of ICMI?
 - Why did you decide to hold 3rd ISMTII1996 in Japan in 3 years?
- Prof. Shimokohbe will answer these questions.

ICMI was established in 1993/11/5

- Prof. Shimokohbe declared **the establishment of ICMI** on November 5, 1993, on a boat of the Yangtze River.



- The International Committee on Measurements and Instrumentation
- Board Members 1993 - 1996
 - Chairman: Akira SHIMOKOHBE, Japan
 - Members
 - S. BUCKLEY, USA, Jie GAO, China
 - Volker HANS, Germany
 - Michael J. HARRAP, Australia
 - Richard JABLONSKI, Poland
 - Zhu LI, China (Founding Chairman)
 - E. MAINSAH, UK, Mario SAVINO, Italy
 - K. H. W. SEAH, Singapore, K. J. STOUT, UK
 - John H. WU, China, M. SIEGEL, SPIE Representative
- ICMI General Secretary: Y. Gao, Hong Kong
 - He strongly supports the execution of ISMTII.
 - Much of the data in this talk comes from the ICMI home page he maintains. (<http://meygao.people.ust.hk/ICMI/>)



3rd ISMTII1996/Hayama

- 86 papers, 480 pages
- International Organizing Committee
 - Chair: A. Shimokohbe
 - Co-chairs: V. Hans, T. Miyoshi, K. Tkada, J.H. Wu
- International Program Committee
 - Chair: S. Ozono
 - Co-chairs: S. Kiyono, P. Payne, M.W. Siegel, X.G. Zhou
 - K.C. Fan, Y.T. Fei, C.K. Chen, A. August, A. Ferrero, Y.L. Hang,, K. Takamasu
- Session chairman
 - T. Takada, T. Miyoshi, S. Kiyoho, E.G. Woschni, R. Jablonski
 - J. Pusaka, K. Mitui, V. Hans, M. Fukuda, E. Mainsah, I. Yamaguchi
 - J.H Wu, T. Hatsuzawa, K.H.W. Seah, N. Uchida

Prof. Shimokohbe said 3rd ISMTII1996

- On a sight-seeing ship during the cruising tour along Chengjiang after the second symposium, International Committee on Measurements and Instrumentation (ICMI) was formed with members from thirteen countries.
- It was decided that one of the roles of ICMI was to organize **subsequent symposiums in various parts of the world** and at the first meeting on the ship, ICMI determined to hold the third symposium in Japan, Thus ISMTII'96 is the first step of ISMTII's **journey around the world**.

PREFACE

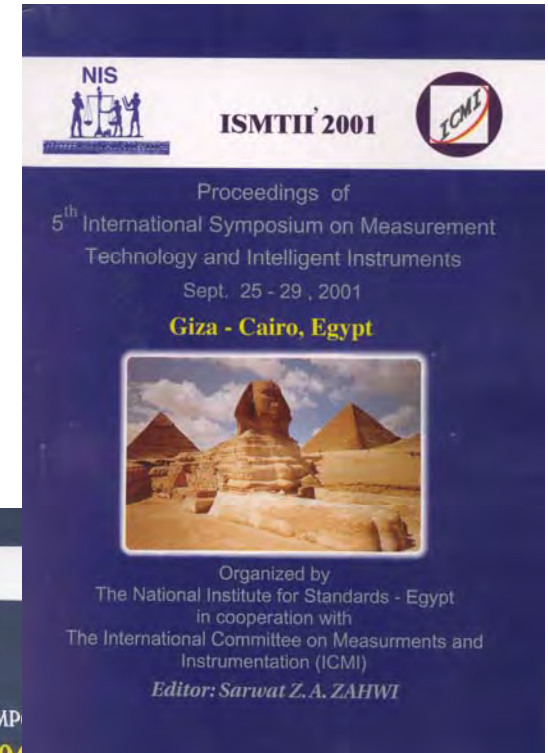
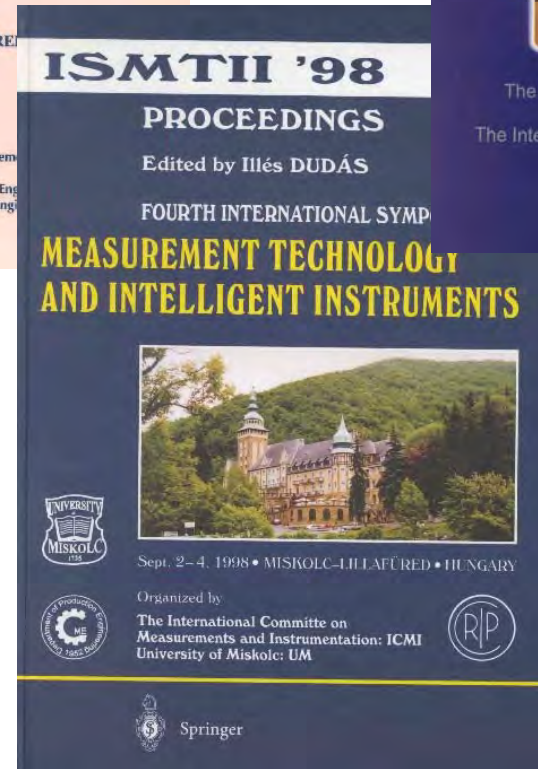
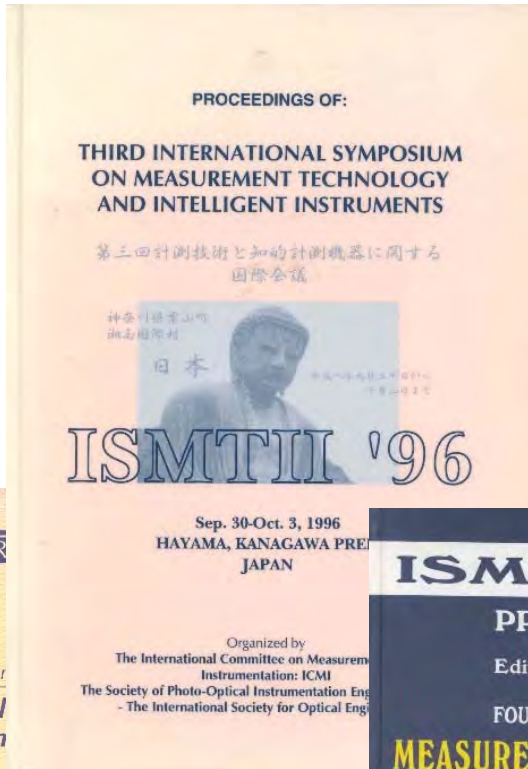
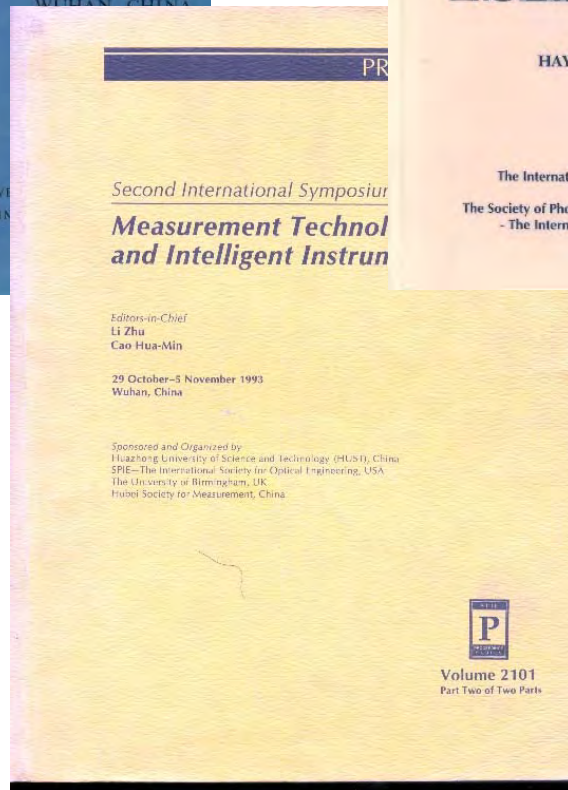
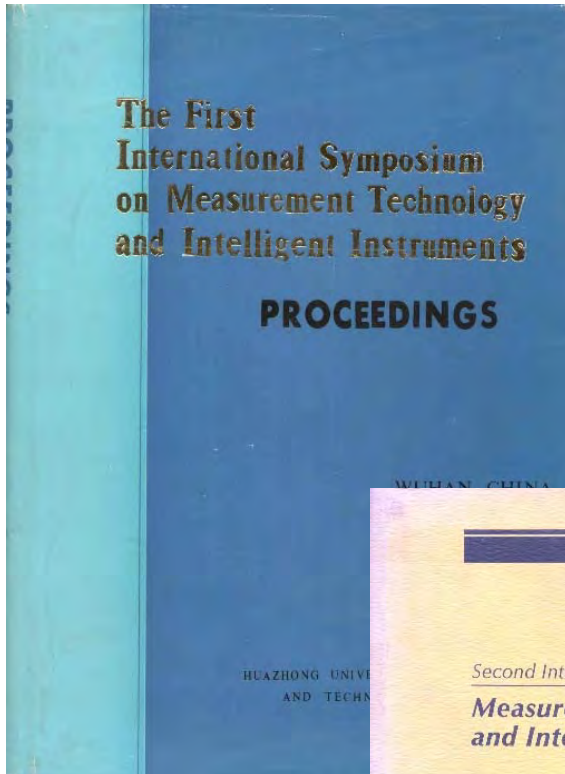
ISMTII'96 is the Third International Symposium on Measurement Technology and Intelligent Instruments. The first symposium organized by Professor Li Zhu and his colleagues was held in 1989 at Wuhan, China. The second one was held in 1993 at the same place. On a sight-seeing ship during the cruising

- The idea of setting up a committee ICMI worked very well. Over 30 years, 14 international conferences were held. We will continue to be in this journey. **The journey will continue.**

Memories of Past Meetings



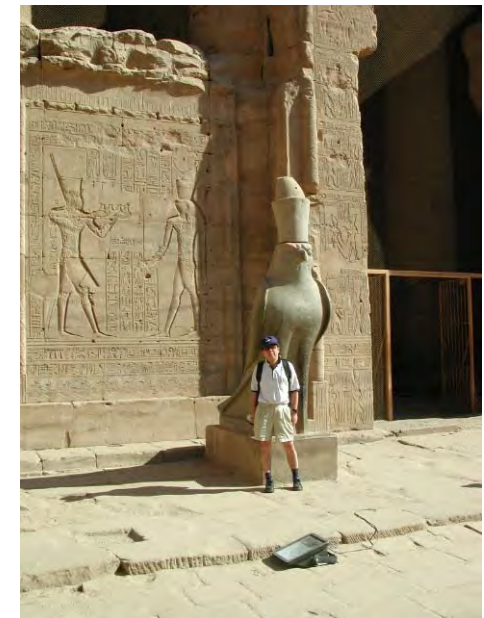
ISM TI1989 - ISMTII2001



ISMTI1993/Wuhan - Yangtze river cruise




ISMTII2001/Giza-Cairo - Nile river cruise



ISMTII2003 - ISMTII2005


*The Sixth International Symposium on
Measurement Technology and Intelligent Instruments*

28 November 2003 - 1 December 2003
Academic Building, Hong Kong University of Science and Technology, Kowloon
Hong Kong






ISMTII 2003



Organized by

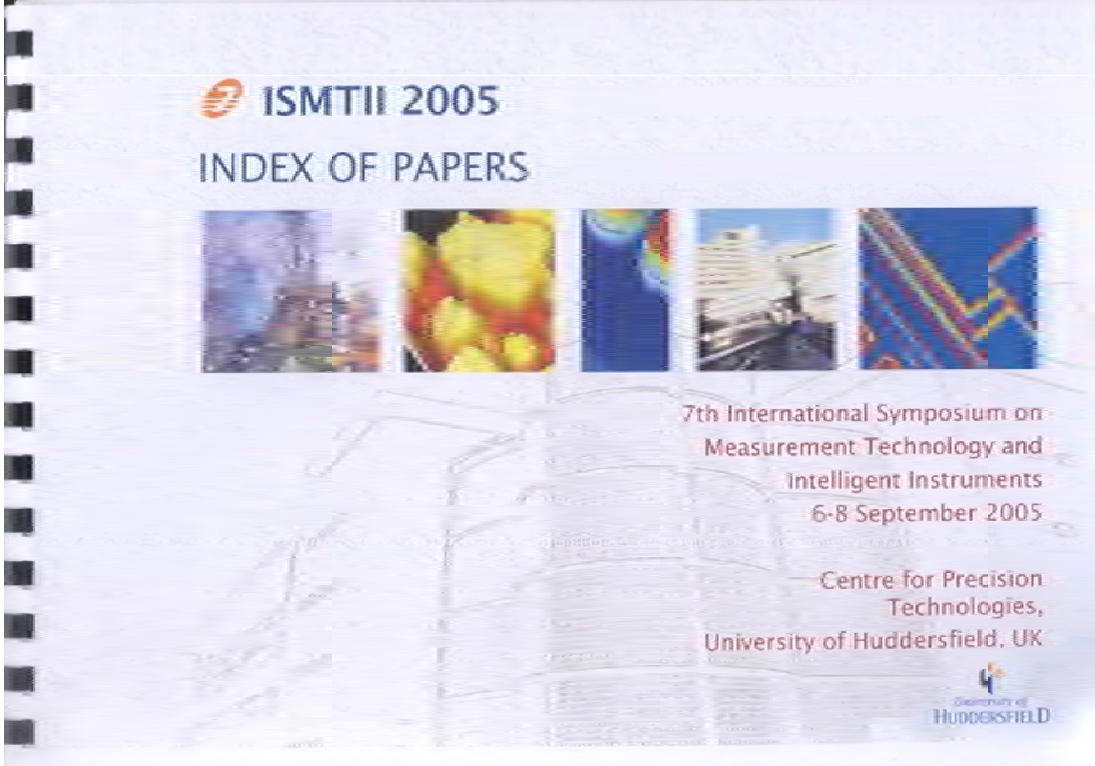
-  Department of Mechanical Engineering
Hong Kong University of Science and Technology (HKUST)

Co-organized by

-  Huazhong University of Science and Technology (HUST)
-  Harbin Institute of Technology (HIT)
-  Hefei University of Technology (HUT)
- State Key Laboratory of Precision Measurement
Technology and Instruments of Tianjin University and Tsinghua University, China

Sponsored by


-  International Committee on Measurements and Instrumentation (ICMI)
-  National Natural Science Foundation of China (NSFC)
- K. C. Wong Education Foundation, Hong Kong, China
- Institute for National Measurement Standards, National Research Council, Canada



ISMTII 2005 INDEX OF PAPERS

7th International Symposium on
Measurement Technology and
Intelligent Instruments
6-8 September 2005

Centre for Precision
Technologies,
University of Huddersfield, UK

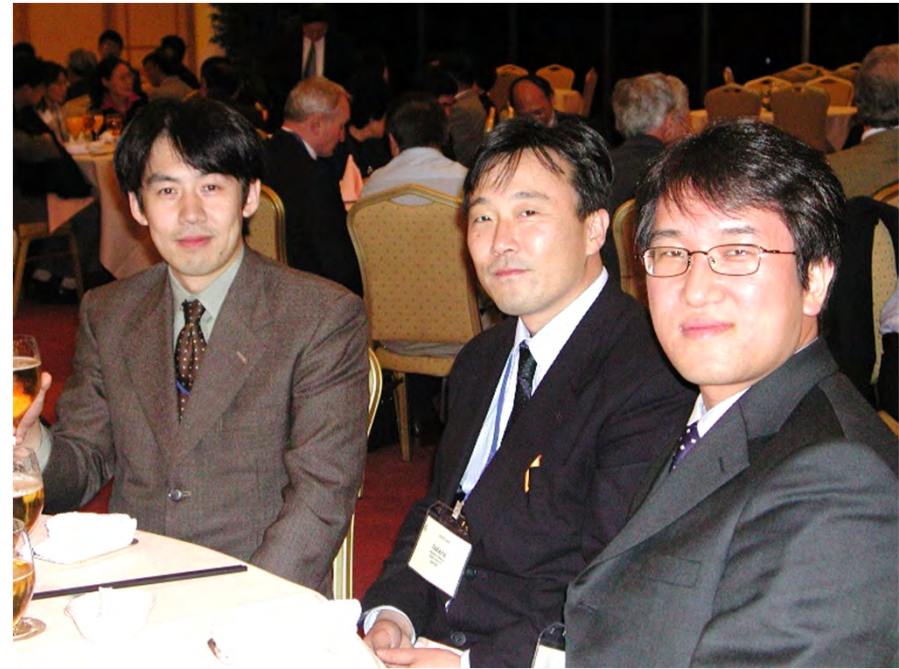


ISMTII2003/Hong Kong

- 126 papers, 156 pages (Abstracts)
- Organizing Committee
 - Chair: Y. Gao
 - Co-chairs: K.C. Fan, W. Gao, X.Q. Jiang
 - (Japanese): E. Okuyama, S. Takahashi



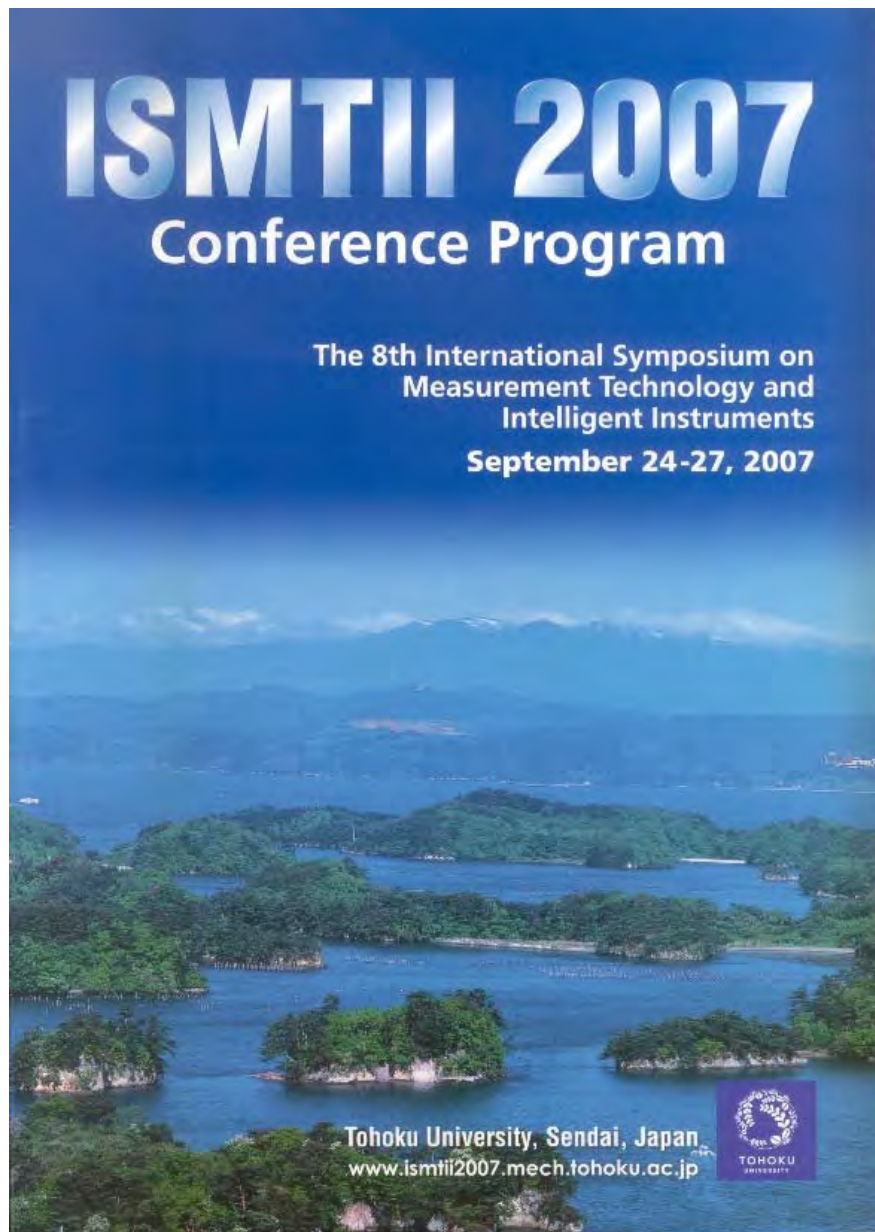
ISMTII2003/Hong Kong



ISMTII2005/Huddersfield



ISMTII2007 - ISMTII2009



ISMTII2007/Sendai

- 220 papers, 830 pages
- Conference Committee
 - Chair: W. Gao
 - Co-chairs: W.W. Kim, S.L. Zhang
 - Participants: 249 (from 22 countries and regions)



ISMTII2007/Sendai



ISMTII2009/St. Petersburg

- 296 papers
- Chairman: Y. Chugui
- 313 registered participants from 28 countries and regions:
 - Russia 115, China 42, Germany 36, Taiwan 22, Japan 2, Netherlands 10, USA 12, UK 7, Italy 5, Hong Kong 6, Korea 4, Austria 6, Hungary 4 ...



ISM TII 2009/St. Petersburg



ISMTII2011 - ISMTII2013

10th International Symposium on
Measurement Technology and Intelligent Instruments

ISMTII 2011



June 29 - July 2, 2011
KAIST, Daejeon, Korea

Organized by
International Committee on Measurements and Instrumentation (ICMI)
Korea Advance Institute of Science and Technology (KAIST)

Sponsored by
Korean Society of Precision Engineering (KSPE)
The Japan Society for Precision Engineering (JSPE)
Korea BK21 Valufecture Institute of Mechanical Engineering at KAIST

Symposium Homepage
<http://pem.kaist.ac.kr/ISMTII2011/>



RWTHAACHEN
UNIVERSITY



Physikalisch
Technische
Bundesanstalt



The 11th International Symposium
on Measurement Technology and Intelligent Instruments

Robert Schmitt, Harald Bosse (Eds.)

ISMTII 2013

Metrology - Master Global Challenges

July 1st - July 5th, 2013
RWTH, Aachen, Germany



ISMTII2011/Daejeon

- 225 papers
- Chairman: S.W. Kim
- Participant 274
 - China 102, Korea 63, Japan 28, Germany 23, Taiwan 18, Russia 5, France 4, UK 4, USA 4, Netherlands 3, Hong Kong 3



ISMTII2011/Daejeon



ISMTII2013/Aachen

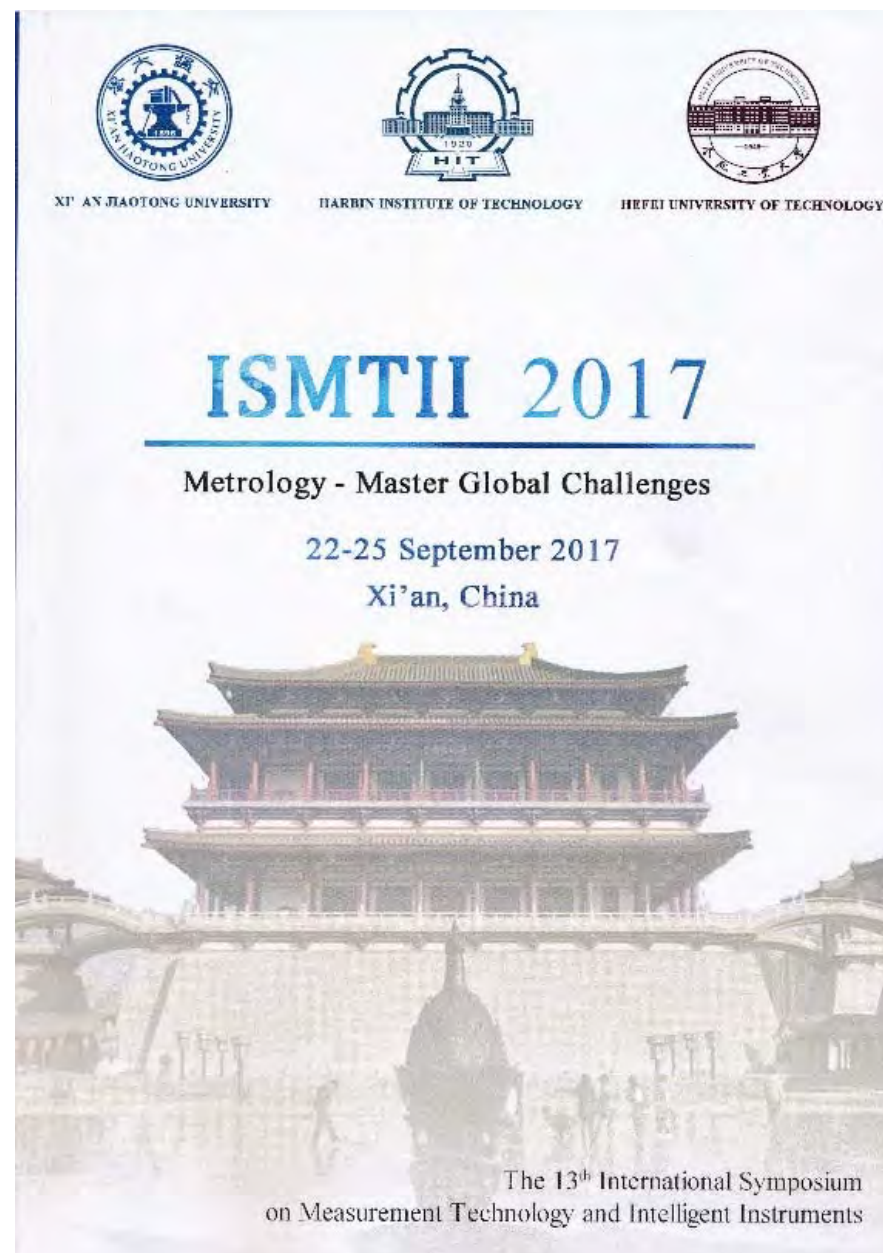
- 250 papers
- Chairman: R. Schmitt
- Participants: 278 + 30 industrial exhibitors
 - Germany 125, China 63, Japan 22, Taiwan 10, Russia 10, Korea 9, Brazil 3, USA 2, Europe (without D) 26



ISMTII2013/Aachen



ISMSTII2015 - ISMSTII2017



ISMTII2015/Taipei

- 234 papers
- Chariman: L.C. Chen



ISMTH2015/Taipei

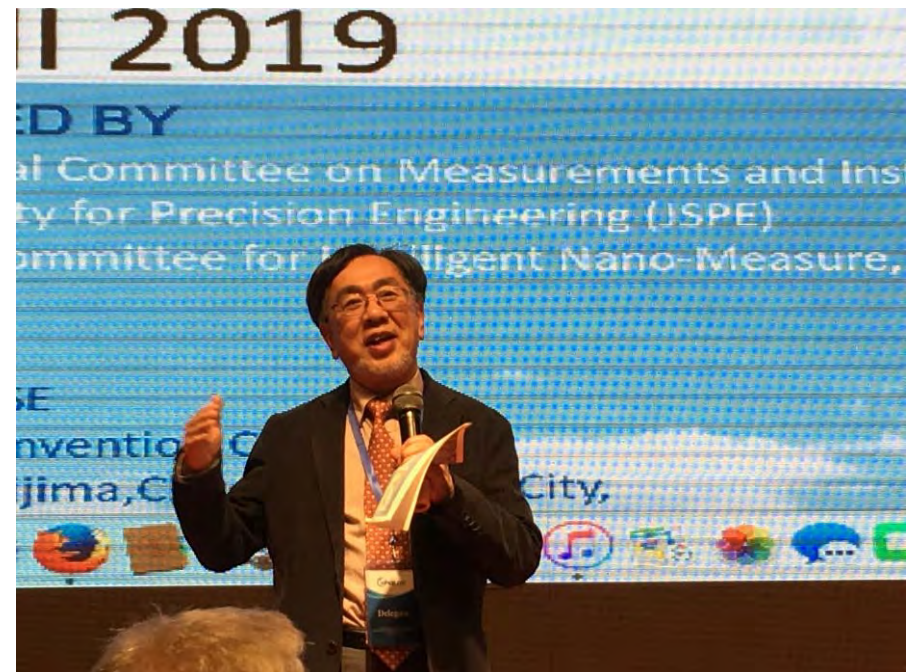


ISMTII2017/Xi'an

- 184 papers
- Chairman: Z. Jiang



ISMTII2017/Xi'an



Conclusion

- Prof. Li Zhu
 - It is my fervent hope that the present Symposium will lead to **a series of future symposia of this kind** and that even more **enthusiastic organizations and individuals** will take part in making preparations for their convocation.
- Prof. Shimokohbe
 - It was decided that one of the roles of ICMI was to organize **subsequent symposiums in various parts of the world** and at the first meeting on the ship, ICMI determined to hold the third symposium in Japan, Thus ISMTII'96 is the first step of ISMTII's **journey around the world**.
- The idea of setting up a committee ICMI worked very well. Over 30 years, 14 international conferences were held. We will continue to be in this journey. **The journey will continue.**

Thank you for your kind attention.

Kiyoshi Takamasu
The University of Tokyo

