

# Report of The 15th International Conference on Precision Engineering (ICPE2014)

The 15th International Conference on Precision Engineering (ICPE2014) was held on July 22nd through 25th, 2014 in Kanazawa City, Ishikawa, Japan. ICPE is the principal international conference of the Japan Society of Precision Engineering (JSPE) and is held every other year.

A total of 339 researchers and engineers from 11 countries, including Germany, China, Taiwan, USA and Switzerland, attended the conference, and 238 academic contributions were presented. The diverse fields of research are summarized in Table 1.

Keynote speeches were given by four excellent speakers: Prof. Alexander H. Slocum (MIT, USA), Mr. Kunio Noji (Komatsu Ltd., Japan), Mr. Thomas Ittner (Carl Zeiss, Germany), and Emeritus Prof. Kanji Ueda (Univ. Tokyo, Japan). The keynote speeches were open to everyone.

Papers were presented in 30 oral sessions and a poster session. One of the 92 posters was presented by Izumigaoka high school students, and it was encouraging to see these young people participating in the conference and presenting their research. At the banquet held after the poster session, attendees enjoyed delicious food and

entertainment, including a traditional Japanese-style dance and drum show (Fig.4). Best paper awards given to 13 papers were announced at the banquet.

A pre-conference tour of the facilities of the Nakamura-tome Precision Industry Co., Ltd. and the Kanazawa Phonograph Museum was conducted on July 22nd. The tour was followed by a welcome reception at the beautiful and historic Shiinoki cultural complex. A post-conference tour of the facilities of Sugiyu Co., Ltd. and Kagaya Ryokan, a famous Japanese-style hotel, was held on July 26th.

The many attendees, many interesting presentations, and enjoyable social events made ICPE2014 very successful. We look forward to seeing you at ICPE2016, which is scheduled to be held in Hamamatsu City, Shizuoka in November 2016.

**Table 1** Number of papers

High precision machining	40	Measurement engineering	18
Non-conventional machining	32	Design engineering	3
CAD/CAM technology	19	Service engineering	4
Machining control	8	Medical devices	5
Machine tools	19	Green manufacturing	7
MEMS/NEMS	12	Advanced molding and forming	12
Precision devices	2	Other related technologies	16
Mechatronics	26	Technical session	5
Tribological systems	9	Research of high school students	1



**Fig.4** Traditional Japanese-style drum show at Banquet