The 24th CIRP Conference on Life Cycle Engineering
March 8−10, 2017, Kamakura, Japan

Venue
The conference will be held at Kamakura Prince Hotel located right off the shore of Shichirigahama beach, which is a part of famous Shonan area of Sagami Bay. Kamakura is known for an ancient capital of Japan. There are a number of shrines and temples including Kotokuin with a Buddha statue.

Deadline for Early Bird Registration
− For speakers: November 15, 2016
− For non-speakers: December 20, 2016

Contact Information
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Please visit our website!
http://cirp-lce2017.jspe.or.jp/

as of August 2016

Image source:
Kamakura City Tourism Association
Introduction

Since 1994, the CIRP Conference on Life Cycle Engineering has continued to provide a valuable and prominent forum for discussing basic research, applications, and current practices in the field of life cycle engineering. Many of the environmental problems, however, have not been solved. Recently, new trends such as IoT (Internet of Things), cyber physical systems, and big data, are emerging. By employing these tools, we may raise the stages of the life cycle engineering toward sustainable society.

The 24th conference will take place at Kamakura Prince Hotel in Kamakura from March 8 to 10, 2017. This will be the third time to hold the event in Japan after 10 years interval. It will be hosted by the life cycle engineering research group of the Japan Society of Precision Engineering. We chose Kamakura Prince Hotel, where you will enjoy a very beautiful view of the Pacific Ocean and Mt. Fuji. The conference site is a calm and cozy place, where participants can make presentations and discussions intensively, chat, and enjoy the dinner during the whole three days. We hope that the conference can provide a forum for everyone who wishes to contribute to exchanging novel ideas to accelerate the implementation of the life cycle engineering.

Conference Schedule (Tentative)

March 8, 2017: Opening ceremony, plenary session, parallel sessions, welcome party (near Kamakura Station)

March 9, 2017: Plenary session, parallel sessions, industrial tours, conference banquet

March 10, 2017: Plenary session, parallel sessions, closing ceremony

Plenary Speakers (Tentative)

Plenary sessions are planned on each day of the conference. Prospective speakers include:

- Mr. Hisashi Asada, General Manager, Business Innovation Center, ICT Solution Division, Komatsu Ltd.
- Prof. Michael Hauschild, Professor, Department of Management Engineering, Technical University of Denmark
- Mr. Yasuhiko Yamazaki, Executive director, DENSO Corporation

Industrial Tour (Tentative)

For industrial tour, each participant may choose one of several options, which include:

- Nissan Oppama Plant, Nissan Motor Co., Ltd. (located in Yokosuka City, Kanagawa Prefecture)
- RICOH Eco Business Development Center, RICOH Company, Ltd. (located in Gotenba City, Shizuoka Prefecture)
- Yokohama Research Laboratory, Hitachi, Ltd. (located in Yokohama City, Kanagawa Prefecture)
- J-TREC (Train Manufacturing Factory), East Japan Railway Company (located in Yokohama City, Kanagawa Prefecture)

Note that a limited number of seats are available for each option. Detailed information will be announced on the conference website (http://cirp-lce2017.jspe.or.jp/).

Scopes and Topics

The conference is intended to foster the exchange of visions, recent developments, and research findings in the field of life cycle engineering at an international level. We have received a total of around 250 abstract submissions. Topics of the conference include, but are not limited to, the following:

- Cyber physical systems
- Design for environment/sustainability
- Energy systems
- Engineering asset management
- Life cycle assessment
- Life cycle costing
- Life cycle design
- Life cycle engineering education
- Life cycle management
- Life cycle planning and development
- Maintenance engineering
- Product-service systems
- Recycle and resource circulation
- Reverse logistics
- Service engineering
- Sustainable business models
- Sustainable consumption and production
- Sustainable supply chain management

Conference Chair

- Prof. S. Takata

Organizing Committee Chair

- Prof. Y. Umeda

International Scientific Committee

- Prof. L. Alting / DK
- Prof. R. Anderl / DE
- Dr. O. Battala / FR
- Prof. A. Bernard / FR
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Organizing Committee Chair

- Prof. Y. Umeda

Organization Committee

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