

Synergy 2013

International Conferences

*Engineering, Agriculture, Waste Management and
Green Industry Innovation*

GÖDÖLLŐ, Hungary, October 13-19, 2013

**Szent István University
Faculty of Mechanical Engineering
2100 Gödöllő, Hungary, Páter Károly u. 1.**

**III. INTERNATIONAL CONFERENCE OF CIGR HUNGARIAN NATIONAL COMMITTEE AND
SZENT ISTVÁN UNIVERSITY, FACULTY OF MECHANICAL ENGINEERING**

**XXXVI. R&D CONFERENCE OF HUNGARIAN ACADEMY OF SCIENCES, COMMITTEE OF AGRICULTURAL AND
BIOSYSTEMS ENGINEERING**

supported by

EURAGENG, CIGR SECTION IV, NATIONAL WASTE MANAGEMENT AGENCY

*HUNGARIAN SOCIETY OF AGRICULTURAL SCIENCES, HUNGARIAN CHAMBER OF ENGINEERS, HUNGARIAN ELECTROTECHNICAL ASSOCIATION,
SCIENTIFIC SOCIETY FOR MECHANICAL ENGINEERING*

IMPORTANT INFORMATIONS

Deadline for abstract submission

July 22.

Final Registration

July 22.

Deadline for full text submission

September 16.

Conference opening

October 14.

Study tours

October 17, 18.

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TOPICS

Focusing on technical and technological development, the conference discusses the synergy between agriculture and industry, energetics, environment, education, and research. Topics include crop and horticultural production systems, postharvest technologies, animal husbandry, food technology and processing, agrifood economy, logistics, automatization and measurement technologies, biomathematics, information technologies, environmental modelling, geomathematics, renewable energy resources, hybrid power-plants of regenerative energies, green industry innovation, waste management, environmental technologies, machinery, production systems, basic and applied research for agricultural engineering, forest engineering and mechanical engineering.

The purpose of Synergy 2013, following in the footsteps of the previous events, is to promote activities in various areas of engineering by providing a forum for exchange of ideas, presentation of technical achievements and discussion of future directions.

Through the parallel sections, poster presentations, study tours and other joint professional programmes the conference brings together an international community of experts to discuss the state-of-the-art technology, new research results, perspectives of future developments, and innovative applications relevant to engineering, agriculture, waste management, green industry and the related areas.

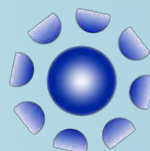
Publication of papers

Abstracts will be published in the ISBN registered proceedings of the Conference. Full papers will be published in CD. Special issues of Hungarian Agricultural Engineering and Mechanical Engineering Letters will be published with selected papers.



SZENT ISTVÁN
UNIVERSITY

FACULTY OF MECHANICAL ENGINEERING
GÖDÖLLŐ • HUNGARY



**SYNERGY
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ACCOMODATION

In recommended hotels and student hostels in Gödöllő, and Budapest. For more information please visit our official homepage!

FEE

Before deadline:

350 EUR

After deadline:

400 EUR

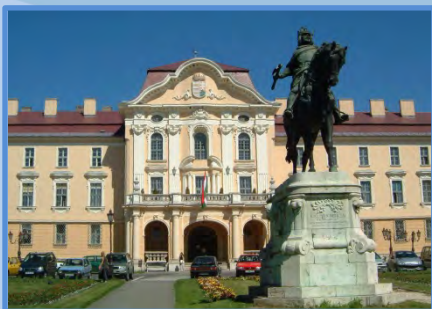
Special discount fee

Returning participants: 200 EUR

Hungarian higher educational institutions: 175 EUR

The fee includes participation in the welcome party, sessions, reception, cultural programmes, a one day study tour, summaries and complete texts of the papers, as well as meals and soft drinks during breaks.

An optional study tour will be organized for viewing professional establishments, traditional cultural and historical sites.



VENUE

The CIGR Hungarian National Committee, the Faculty of Mechanical Engineering of Szent István University, the Agricultural and Biosystems Engineering Committee of the Hungarian Academy of Sciences, the National Waste Management Agency, together with the EurAgEng, CIGR Section IV, the Hungarian Society of Agricultural Sciences, the Hungarian Chamber of Engineers, the Hungarian Electrotechnical Association and the Scientific Society for Mechanical Engineering are delighted to invite you to a series of international conferences organized around core questions of our century:

“Engineering, Agriculture, Waste Management and Green Industry Innovation”

The conference will be held in Gödöllő. This beautiful town lies 30 kilometres to the North East of Budapest, with a population of 30.000. The city is situated in a particularly beautiful area, surrounded by the Gödöllő hills. Its geographic location, natural, cultural, historic and industrial assets all offer great opportunities for continuous development. The Royal Castle of Gödöllő is a major place of interest, as the largest of its type in Hungary. This Baroque castle is also unique due to its rich historic past and architectural merits.

The venue of the conference is the **Knowledge Transfer Centre**, a new building, supporting the up-to-date education and research activities of the university.



Szent István University was established in 2000 by the merger of several formerly independent universities and colleges providing education and training in several fields of life sciences, engineering, natural resources, humanities and social sciences within six faculties.

Founded in 1950, the current training profile of the **Faculty of Mechanical Engineering** has been developed from courses adapted to the technical needs of the agricultural production. Among the research projects of the school, high priority is given to quality assurance and labour standards, computer-aided engineering, alternative energy sources, environmental engineering, mechanization of agricultural production, material sciences and mechanical engineering technologies.

PROGRAM AND SCIENTIFIC COMMITTEE

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LOCAL ORGANIZING COMMITTEE

Chair: István SZABÓ, dean

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