



Manufacturers Association of Israel
Northern Branch



ORT BRAUDE COLLEGE
Karmiel

Conference on

Industry Collaboration in Engineering Education

Call for Papers ¹

November 10, 2009

at ORT Braude College

Karmiel, Israel

Industry is required to respond to rapid technological change, overcome the challenges of economic crisis, and compete with large-scale international companies.

The conference will explore methods for training engineers that can succeed in meeting these challenges. Many universities require students to participate in advanced, practical projects as part of their engineering studies. For examples, please view:

<http://www.mne.psu.edu/lamancusa/papers/jee2008.pdf>, <http://www.lf.psu.edu> and <http://www.cs.cmu.edu/~msit-se>.

There are those who claim that practical, industry projects improve the student's ability to understand the engineering process and to derive heightened relevance from their academic training.

The conference is an opportunity for faculty and industry professionals to present their opinions on the above and related issues. The conference will encompass:

- Keynote speakers
- Conference participants' papers
- Panel discussion
- Poster exhibition
- Laboratory tours

¹ The language of the conference is Hebrew. Abstracts may be submitted in English



- Meetings of academic and industrialists to discuss joint areas of expertise

Call for Papers

Those who are interested in delivering a 10-20 minute presentation at the conference are invited to submit a paper on one of the following issues:

1. Do current engineering programs meet the demands of today's marketplace?
2. Do current engineering programs have an optimal ratio between theory and practice?
3. How can industry contribute to the design of engineering programs?
4. What are the differences between the skills demanded in the various fields of engineering?
5. How can engineering programs make the balance between research and the needs of industry?
6. Should engineering students participate in industry projects as part of their training and to what extent?
7. Some reputable universities abroad require engineering students to participate in industry projects. Faculty members are also involved, and the projects may be useful for industry in the future. Are such projects appropriate for Israeli students and industry?

Submission Procedure

- a. **Submission of a proposal for a 10-20 minute presentation must be received by October 11, 2009.**

Email to conference@braude.ac.il

The submission must include:

- Title of the presentation (with a 2-3 line description)
- Names of the paper's authors and their institutional affiliations
- Email and mobile phone number of the presenter

- b. **The conference committee will send email notification of acceptance or rejection of the paper by October 18, 2009.**



Selection will be based upon the paper's relevance to the subject of the conference.

c. Abstracts of accepted papers must be received by email by October 28, 2009.

The abstract should be no longer than 500 words, in 12 point Arial font with 1.5 line spacing.

The abstract file must be Word 2007, Word 2003 or PDF format.

The file name must be the name of the presenter, followed by 2009.

d. PowerPoint presentations (.ppt or .pptx) must be received by email by November 5, 2009.

The file name must be the name of the presenter, followed by 2009.

Important dates:

October 11, 2009	Proposal submission deadline
October 18, 2009	Notice of proposal acceptance
October 28, 2009	Submission deadline for abstract
November 5, 2009	Submission deadline for PowerPoint presentation
November 10, 2009	Conference

Conference Committee:

Prof. Yohanan Arzi, President, ORT Braude College

Mr. Leor Applebaum, Head of Manufacturers Association of Israel Northern Branch

Ms. Shani Ilani, Head of Marketing Department, ORT Braude College, and Chairperson of the Conference Committee

Prof. Eliezer Kantorowitz, Software Engineering Department, ORT Braude College

Dr. Ilana Kepten, Biotechnology Engineering Department, ORT Braude College

Mr. Eitan Zeiler, Director of "Ofek Eshkolot Research & Development Ltd.", ORT Braude College

