



Tools for Energy Efficiency

Afeka Academic College of Engineering, Mivtza Kadash 38, Tel-Aviv

February 9, 2016 | 09:00 – 13:30

The conference will provide a platform for the sharing recent applied research, exchanging knowledge, building partnerships and creating new business opportunities. Presentations will be given by distinguished expert guest speakers from Europe and by innovative Israeli entrepreneurs.

Focus Topics:

- Government policies
- Energy efficiency projects at hospitals
- Energy systems measurement and management
- Data management

Conference Program

09:00 **Registration, networking and refreshments**

09:20 **Opening Remarks**

- Prof. Ami Moyal, President, Afeka College
- Mr. Emanuel Liban, Chairman, Israeli Society of Mechanical Engineers, Association of Engineers, Architects and Graduates in Technological Sciences in Israel.
- Dr. Moshe Tshuva, Chairman, Energy Branch, Israeli Society of Mechanical Engineers and Head of Energy Engineering Department, Afeka College

Session 1:

09:30 Mr. Eddie Bet Hazavdi, Director of Department of Energy Conservation and Smart Cities Administration, Ministry of National Infrastructure Energy and Water Resources

"Government Policy Regarding Smart Energy – Barriers and Regulations"

09:50 Dr. Daniele Liberanome, Prima Vera, Italy

"Energy Efficiency in Hospitals – Case Study"

Dr. Daniele Liberanome has 20 years of experience in Business Development managing international teams, and specifically in the smart energy sector.

10:10 Dr. Sharon Gat, Afeka, Israel

"Energy Efficiency - Overall Methodology"

Dr. Gat is a Senior Lecturer at Afeka College and is currently conducting research funded by the Israeli Ministry of Transportation

10:30 Dr. Christos Koulamas, Industrial System Institute, Greece

"Energy Efficiency in Medical Centers - State of the Art Review of Modeling Approaches, Tools and Standards"

Dr. Christos Koulamas is a Principal Researcher at the Industrial System Institute, specializing in embedded systems, wireless sensor networks, industrial networks, real time systems and their applicability for energy efficiency.

11:00 Break



Session 2:

- 11:30 Prof. Luca Ferrarini, Politecnico Milano, Italy
"Modeling and Control of Thermal Energy of a Large Commercial Building"
Prof. Luca Ferrarini has specialized knowledge in automation and is leading research projects on energy efficiency.
- 11:50 Dr. Giacomo Di Benedetto, Prima Vera, Italy
"How and What to Measure? - Energy Systems at Hospitals"
Dr. Di Benedetto is an expert in mathematical modeling
- 12:10 Prof. Jorge Casillas – University of Granada, Spain
"The Era of Data Science and Big Data: New Tools for Energy Quantification"
Prof. Jorge Casillas is a Professor of Computer Science and Artificial Intelligence.
- 12:30 **Smart Israeli Innovation | Innovative Israeli Developments in the Field of Smart Energy**
- 13:30 Closing Remarks

Organizing Committee

- Dr. Moshe Tshuva, Chairman, Energy Branch, Israeli Society of Mechanical Engineers and Head of Energy Engineering Department, Afeka
 - Dr. Sharon Gat, Senior Lecturer, Afeka Academic College
 - Dr. David Berla, Head of Electrical Engineering Department, Afeka Academic College
 - Prof. Erel Avineri, Head of Infrastructure Systems Department, Afeka Academic College
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- Participation is free of charge but requires pre-registration
 - All presentation will be in English

להרשמה לחצו כאן
או מלאו טופס הרשמה (מטה)

פרטים והרשמה:

איתי וולר,
לשכת המהנדסים.
ת"ד 6429,
תל-אביב 61063
טלפון: 03-5205818

פקסימיליה: 03-5272496 - מומלץ לשלוח את האישור במייל

דואר-אלקטרוני: itai@aeai.org.il

אתר אינטרנט: www.engineers.org.il



----- טופס הרשמה 03 – 5272496 מומלץ לשלוח במייל itai@aeai.org.il -----

" Tools for Energy Efficiency" נא לרשום אותי ליום עיון בנושא:

שם משפחה _____ שם פרטי _____

מ.ז. | | | | | | | | | |

שם החברה _____ תחום עיסוק: _____

לסמינר יגיעו בוגרי המכללה בתחום האנרגיה, במידה ולחברה ידרשים עובדים בתחום האנרגיה סמן את המשבצת המתאימה

[] תחום חשמל, [] תחום גז, [] הנדסת מכונות, [] הנדסת אנרגיה, [] אחר פרט: _____

כתובת _____ מיקוד _____ טלפון _____

פקס _____ נייד _____

דואר אלקטרוני: _____ רצוי לשלוח במייל חוזר

*לקבלת אישור הרשמה והודעות על פעילויות הלשכה בדוא"ל אנא ציין כתובת דוא"ל בכתב ברור.