

האיגוד הישראלי לאיכות
Israel Society For Quality (ISQ)



Conference: March 21, 2013

Developments in Statistical Applications for Quality Management

The Open University Campus, Raanana (Route 4)

(Lectures are in Hebrew)

Morning session

Statistics at the Core of Quality Management: Workshop and Lectures

- 9:30 **Reception**
- 10:00 **Opening: Dr. Yuval Cohen**, Head of Industrial Engineering Program, The Open University
- 10:05 **Dr. Jacqueline Asscher**, Department of Quality and Reliability Engineering, Kinneret Academic College
Workshop - Strategies for planning a series of experiments for developing a complex product or process with time and budget constraints (no prior knowledge required)
- 12:00 **Dr. Emil Bashkansky**, Department of Industrial Engineering, ORT Braude College of Engineering
Using categorical scales for quality measurement and control
- 12:30 **Elie Louzon**, Six Sigma Executive in Rafael
Dilemmas and their solution in DOE industrial applications as part of six sigma methodology: a case-study of yield improvement using six-sigma
- 13:00 **Lunch break – subsidized meals in the Open University Cafeterias**
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Afternoon session
Developments in Statistical Applications for Quality Management
(Lectures are in Hebrew)

13:30

Reception

14:00 **Chair: Mirit Ziman-Shomer** – Israel Society for Quality (ISQ)

Opening

Professor Hagit Messer-Yaron, President of the Open University of Israel

Professor Zippy Erlich, Head of Math and Computer Science Department, the Open University of Israel

Professor Ron Kenett, CEO of KPA, and president of the Israel Statistical Association (ISA)

Dov Peri, Head of the Israel Society for Quality (ISQ)

14:20 **Professor Haim Shore**, Department of Industrial Engineering, Ben-Gurion University
Statistical process control for non-linear profiles with application to ecology

14:50 **Professor Irad Ben-Gal**, Department of Industrial Engineering, Tel-Aviv University
Analytics in homeland security applications

15:20 **Anan Halabi**, KLA Tencor
Applying a methodology for tackling Info-gap in a reliability model

15:50 Break

16:00 **Professor Avner Halevy**, Department of Statistics, University of Haifa
Statistical and moral issues in organizational research

16:30 **Dr. Nathan Pinhas**, Nuclear Research Center – Negev (NRCN)
Is your organization 'Free Flowing'? Organizational assessment methodology and ways of improving

17:00 **Panel chaired by Dr. Jacqueline Asscher**, Department of Quality and Reliability Engineering, Kinneret Academic College.
Statistics in industry – from successful case to procedure – tips from success stories and failures

17:40 **Dr. Yuval Cohen**, Head of Industrial Engineering Program, The Open University
Record and order statistics for quality assurance and reliability

18:10 **Dr. Shuki Dror**, Department of Industrial Engineering, ORT Braude College of Engineering
A framework for analyzing malpractice cases to improve healthcare systems

Estimated closing time: 18:40

Participation: based on free registration

Free registration: Phone *3337, or <http://www.openu.ac.il/quality>