

Sponsors:



Wednesday, June 2, 2010

8:00-9:00 Registration

9:00-9:45 Opening Session:

Chair: **Yitzhak Hochmann**, AEAI, Israeli Society of Mechanical Engineers

Greetings: **Ishac Raz**, - AEAI Chairman

Emanuel Liban, AEAI, Israeli Society of Mechanical Engineers chairman

Yehuda Heiman, Manufacturers Association of Israel, Metal, Electrical and Infrastructure Industries Association,
Director General

Prof. Zvi Pinhas Bar-Yoseph, Technion, Dean, Faculty of Mechanical Engineering

Prof. Haim Kalman, Ben-Gurion University, Head of Mechanical Engineering Department

Prof. Lev Shemer, Tel-Aviv University, Head, School of Mechanical Engineering

Dr. Naftali Sela, Rafael, Corporate chief scientist

9:45-11:00 **Plenary lectures**

Chair - **Prof. Izhak Bucher**, Technion

Lucien Y. Bronicki, Ormat, Chairman of the Board of Directors and Chief Technology Officer

Brigadier General Eitan Eshel, Maf'at, Defense R&D Directorate General Director

11:00-11:30 Coffee Break and Poster Session (Foyer)

Wednesday, June 2, 2010 (Cont.):

11: 30-13:00 Parallel Sessions A

<i>Dynamics & vibrations</i>	<i>Advanced Manufacturing</i>	<i>Automotive Systems</i>	<i>Failure analysis</i>	<i>Fluid mechanics & CFD</i>	<i>Non Destructive Testing</i>
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The first session of the NDT Annual National Conference:

Opening, Greetings and a lecture by the European NDT Association president, **Prof. Dr. Sc. Vjera Krstelj**

13:00-14:20 Lunch

14:20-15:45 Parallel Sessions B

<i>system engineering & Testing</i>	<i>Advanced Manufacturing</i>	<i>Advanced Energy Systems</i>	<i>Fatigue and Fracture</i>	<i>Fluid mechanics & CFD</i>	<i>Non Destructive Testing</i>
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15:45-16:00 Coffee Break

16:00-17:30 Parallel Sessions C

<i>Brakim</i>	<i>Industrial Applications</i>	<i>Advanced Energy Systems</i>	<i>Biomechanics & Bioengineering</i>	<i>Fluid mechanics & CFD</i>	<i>Non Destructive Testing</i>
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Thursday, June 3, 2010

8:00-8:45 Registration

8:45-10:00 **Plenary lectures;**

Chair - **Dr. Naftali Sela**, Rafael

Dr. Uzi Landman, School of Physics, Georgia Institute of Technology, USA

Harald Westermann, Managing Director, Rheinmetall Land Systems, Germany

10:00-10:30 Coffee Break and Poster Session (Foyer).

10:30-12:00 Parallel Sessions D

<i>Dynamics & vibrations</i>	<i>Engineering Design</i>	<i>Conveying & Handling</i>	<i>Heat & Mass Transfer</i>	<i>Military R&D - Merkava</i>	<i>Tribology symposium - Surface Texturing</i>
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12:00-13:30 Parallel Sessions E

<i>Dynamics & vibrations</i>	<i>Engineering Design</i>	<i>Control</i>	<i>Heat & Mass Transfer</i>	<i>Military R&D - Armor Protection</i>	<i>Tribology symposium - Lubrication</i>
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13:30-14:30 Lunch

14:30-16:00 Parallel Sessions F

<i>MEMS & Nano Technology</i>	<i>Robotics & Autonomous Systems</i>	<i>Engineering Education</i>	<i>Heat & Mass Transfer</i>	<i>Mechatronics & advanced materials</i>	<i>Tribology symposium - Contact Mechanics</i>
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16:00-16:15 Coffee Break

16:15-17:45 Parallel Sessions G

<i>Solid & Computational Mechanics</i>	<i>ME in Aviation & Autonomous Systems</i>	<i>Engineering Education</i>	<i>Heat & Mass Transfer – Cooling of Electronic Components</i>	<i>Fluid mechanics & CFD</i>	<i>Tribology symposium - Friction and Wear</i>
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