

**Italy & Israel: excellence through partnerships.
Protesis, New Material, Robotics and Computer aided
surgery**

May 23rd 2011, Tel Aviv



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Monday, May 23rd 2011

**Dan Panorama Hotel | Hall H
10, Kaufman Str., Tel Aviv**

9:00-9:15 Greetings:

H.E Amb. Luigi Mattiolo - Ambassador of Italy to Israel

Mrs. Marina Scognamiglio - Director of the Italian Trade Commission in Tel Aviv

9:15-9:30 Opening Remarks:

Mr. Alex Gordon - Head of Liaison Office, Technion Research & Development Foundation

Mrs. Paola Bellusci - Italian Institute for Foreign Trade, Rome, Italy

9:30-10:30 First Session: New Materials

Dr. Roberto De Santis - Institute of Composite and Biomedical Materials, National Research Council, Naples: Design and characterization of polymers and new composites for medical applications and tissue engineering

Prof. Elazar Gutmanas - Department of Materials Engineering, Technion: Load bearing bioresorbable Ca phosphate-polymer nanocomposites

Dr. Ulrich Mürrle - Director of Sales and Marketing at MEMRY GmbH - SAES Getters Group: Shape memory alloy and applications for medical devices

10:30-10:50 Coffee Break

10:50-11:50 Second Session: Robotics & Computer Aided Surgery

Prof. Anath Fisher - Faculty of Mechanical Engineering, Technion: Multi-scale modeling of bone micro-structures for patient-specific diagnosis and visualization.

Prof. Giancarlo Ferrigno - Neuroengineering, Medical Robotics Laboratory - Bioengineering Department, Politecnico di Milano: Advanced robotics in neurotechnological achievements and clinical applications

Prof. Moshe Shoham - Robotics Laboratory, Faculty of Mechanical Engineering, Technion. Surgical Robotics from concept to operation.

11:50-12:10 Coffee Break

12:10-12:50 Third Session: Prosthesis

Dr. Irena Gotman - Faculty of Materials Engineering, Technion: a) Porous NiTi structures for load-bearing Implants; b) Novel abrasion resistant TiN coating for prosthetic replacements.

Dr. Amit Goffer - Argo Medical Technologies

12:50-13:00 Open Discussion

Moderator: Dr. Paolo Barbanti - CEO of Pharmacia Advisors, Italy

13:00-14:30 Lunch

14:30-18:00 B2B Session