

## ISTAM Annual Symposium Program, 22/Feb/2017

Location: Room 011, Engineering Studies (Kitot Handassa) building, Tel Aviv University

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### *Opening session*

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<i>Time</i>	<i>Speaker</i>	<i>Subject</i>
09:30 – 09:50		Registration and coffee
09:50 – 10:00	Prof. Gal deBotton	Opening statement

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### *Morning session*

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<i>Time</i>	<i>Speaker</i>	<i>Subject</i>
10:00 – 10:20	Dr. Igor Berinskii, (TAU)	"On the chain delamination problem"
10:20 – 10:40	Mr. Roey Getz (Technion)	Getz & Shmuel, "Actuation of soft dielectric films for tunable band-gaps."
10:40 – 11:00	Prof. Yoram Lanir, (Technion)	"Growth and Remodeling of Tissue Structure and Properties."
11:00 – 11:20	Mr Elihu Olami (Hebrew U.)	Olami, Kupferman & Segev, "Surface Growth in Polymer Gels Continuum dynamics on manifolds: Applications to incompatible elasticity"
11:20 – 11:40		Coffee and snacks break
11:40 – 12:00	Assist. Prof. Gal Shmuel (Technion)	Shmuel & Band, "Universality of the Frequency Spectrum of Laminates"
12:00 – 12:20	Mr. Amihai Horesh (Technion)	Horesh, Morozov & Manor, "Acoustic Drainage"
12:20 – 12:40	Assist. Prof. Amir Gat (Technion)	Friedman & Gat "Dynamics of an elastic sphere containing a thin creeping region and immersed in an acoustic region for similar viscous-elastic and acoustic time- and length-scales."
12:40 – 13:00	Mr. Ilya Barmak (TAU)	Barmak, Gelfgat, Ullmann & Brauner "On the Squire's transformation for stratified two-phase channel flows."

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*Lunch break*

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<i>Time</i>	<i>Speaker</i>	<i>Subject</i>
13:00 – 13:40	Everybody	Catering near the lecture hall

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*Afternoon session*

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<i>Time</i>	<i>Speaker</i>	<i>Subject</i>
13:40 – 14:00	Dr. Viacheslav Slesarenko (Technion)	<i>Slesarenko &amp; Rudykh, "Microscopic and macroscopic instabilities in hyperelastic fiber composites"</i>
14:00 – 14:20	Mr. Pavel Galich (Technion)	<i>Galich, Slesarenko &amp; Rudykh "Elastic Wave Propagation in Finitely Deformed 3D Fibrous Composites"</i>
14:20 – 14:40	Dr. Avinoam Rabinovich (TAU)	<i>Rabinovich, Li &amp; Durlofsky, "Analytical Approximations for Effective Relative Permeability in the Capillary Limit."</i>
14:40 – 15:00	Mr. Dotan Ilssar (Technion)	<i>Ilssar &amp; Bucher, "On the interaction between ultrasonic actuators and acoustically levitated objects."</i>
15:00 – 15:20	<b><i>Coffee and snacks break</i></b>	
15:20 – 15:40	Mr. Yuval Harduf (Technion)	<i>Harduf &amp; Or, "Analysis of stability transitions in a microswimmer with superparamagnetic head."</i>
15:40 – 16:00	Dr. Eliana Bortot (Technion)	<i>Bortot &amp; Shmuel, "Manipulating sound propagation with soft dielectric tubes."</i>
16:00 – 16:20	Mr. Or Greenberg (Technion)	<i>Greenberg &amp; Altus, "Stress-Moduli Monotonicity and Optimized Material Morphology."</i>
16:20 – 16:40	Assist. Prof. Stephan Rudykh (Technion)	<i>Rudykh, Galich &amp; Slesarenko, "Mechanics of Soft Composites: Biomimetics, 3D printing, and Instabilities."</i>
16:40 – 16:45	Prof. Gal deBotton	<i>Closing statement and announcement of best student lecture</i>

- The annual membership fee to ISTAM is 150 NIS. It includes the lunch at the symposium and can be paid during the registration.
- All lectures are open to the public free of charge. The program and abstract can be downloaded from <https://istam.net.technion.ac.il/>

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### *Map and directions*

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The building is located next to Gate 17, see links to [map](#) and [building](#).

- Train: Station Tel Aviv University and enter via gate 14.
- Bus lines 274, 572, 271, 6, 7, 13, 25, 54, 127, 289
- Car: Parking lot #7, near Gate 17 of Tel Aviv University

Map (partial) of Tel Aviv University



Kitot Handasa building

