

# Advanced Communications Center Annual Workshop & Feder Family Award Ceremony

Wednesday, January 16<sup>th</sup>, 2019

Zeevi Auditorium, Beit Hatfutsot (Diaspora) Museum, Tel Aviv University

<b>08:45-09:00</b>	<b>Registration &amp; coffee</b>
	Welcome and ACC overview
<b>09:00-09:20</b>	Yossi Rosenwaks • Dean, Faculty of Engineering, Tel Aviv University Ofer Shayevitz • Head of Academic Activities, ACC
<b>09:20-10:10</b>	Kannan Ramchandran • University of California, Berkeley <b>Codes for speed: The CLEAR (Computing, LEarning, Access &amp; Recovery) advantage</b>
<b>10:10-11:00</b>	Ben Volkow • Otonomo <b>The Connected car – new opportunities for the Automotive industry</b>
<b>11:00-11:30</b>	<b>Coffee Break</b>
<b>11:30-12:20</b>	Alex Samorodnitsky • Hebrew University <b>On the output entropy of a binary symmetric channel</b>
<b>The Feder Family Award for Best Student Work in Communications</b>	
<b>12:20-12:40</b>	<b>Ceremony</b> Joseph Klafter • President, Tel Aviv University Yossi Rosenwaks • Dean, Faculty of Engineering Mark Shtauf • Head, School of Electrical Engineering Meir Feder • School of Electrical Engineering
<b>12:40-13:00</b>	<b>1<sup>st</sup> place winner: Aviv Karnieli • Tel Aviv University</b> Manipulation of frequency-domain photons for quantum communication
<b>13:00-14:00</b>	<b>Lunch</b>
<b>14:00-14:50</b>	Gregory Wornell • MIT <b>An information-geometric view of learning in high dimensions</b>
<b>14:50-15:10</b>	<b>2<sup>nd</sup> place winner: Boaz Shuval • Technion</b> Polarization for processes with memory
<b>15:10-15:50</b>	Shai Avidan • Tel Aviv University <b>Co-occurrence vision</b>
<b>15:50-16:20</b>	<b>Coffee Break</b>
<b>16:20-16:40</b>	<b>3<sup>rd</sup> place winner: Marina Haikin • Tel Aviv University</b> Analog coding frame-work
<b>16:40-17:30</b>	Roded Sharan • Tel Aviv University <b>Harnessing protein networks to elucidate disease mechanisms</b>
<b>17:30 -</b>	<b>Cocktail</b>

Symposium is free of charge, but advance registration is required at [acc@eng.tau.ac.il](mailto:acc@eng.tau.ac.il)