**Advanced Communications Center**  
**Annual Workshop & Feder Family Award Ceremony**  
**Tuesday, February 15th, 2022**  
**Virtual Workshop**

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| 09:15-09:30| Welcome and ACC overview  
*Prof. Yossi Rosenwaks • Dean, Faculty of Engineering, Tel Aviv University*  
*Prof. Ofer Shayevitz • Head of the ACC, Tel Aviv University* |
| 09:30-10:20| Prof. Tara Javidi • University of California, San Diego  
*Keynote Talk*  
Active and Dynamic Beam Tracking for (sub)mmWave Communication |
| 10:30-11:20| Assaf Monsa • CTO at D-Fend Solutions  
The Drone Whisperers: Obedience via Cyber |
| 11:30–12:20| Prof. Saharon Rosset • Tel Aviv University  
Using Random Effects to Account for Correlation in Modern Machine Learning Methods |

**The Feder Family Award for Best Student Work in Communications**

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| 12:20-12:40| Prof. Ariel Porat • President, Tel Aviv University  
Prof. Yossi Rosenwaks • Dean, Faculty of Engineering  
Prof. Ram Zamir • Head, School of Electrical Engineering  
Prof. Meir Feder • School of Electrical Engineering |

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<th>Time</th>
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| 12:40-13:10| 1st place winner: Rana Shahout • Technion  
Real Time Flow Monitoring |
| 14:00–14:50| Prof. Moni Naor • Weizmann Institute  
Keep This Card in Mind: Card Guessing with Limited Memory |
| 15:00–15:20| 2nd place winner: Eliran Kachlon • Tel Aviv University  
Topics in the Complexity of Cryptography |
| 15:30–16:20| Prof. Michael Elad • Technion  
Image Denoising – Not What You Think |
| 16:30–16:50| 3rd place winner: Roy Karasik • Technion  
On Information-Theoretic Aspects of Modern Wireless Communications |
| 17:00–17:50| Prof. Maxim Raginsky • University of Illinois, Urbana-Champaign  
Information, Concentration, and Learning: Old and New  
*Keynote Talk* |

The workshop is free of charge, but **advance registration is required**

Please register [here](#)

For security reasons, a Zoom link will be directly emailed to registered participants a day before the workshop