



Ben-Gurion University
of the Negev

BGU-QST: Center for Quantum Science and Technology

The First Conference for Young Researchers in Quantum Science and Technology

May 31, 2018

Keynote Speakers:

Eleni Diamanti (CNRS, Sorbonne)
Practical secure quantum communications

Michael Zwolak (NIST)
Atomic devices to probe and simulate
many-body transport phenomena

Conference webpage:

<http://in.bgu.ac.il/en/QI/Pages/1st-conf.aspx>

Registration is free but you must register:

<https://tinyurl.com/y7rq4lnn>

9:00-9:30 Registration

Session I Chair: Ramy Brustein

9:30-9:40 **Welcome: Prof. Dan Blumberg**
Vice-President and Dean for R&D

9:40-9:45 **Director's welcome: Shlomi Arnon**

9:45-10:30 **Keynote speaker: Eleni Diamanti**, CNRS, Sorbonne
Practical secure quantum communications

10:30-11:30 Presentations by young researchers

Coffee break

Session II Chair: Adrian Stern

11:45-12:05 **Invited talk: Ron Folman** BGU
Quantum technology at BGU

12:05-12:30 **Invited talk: Tal David**, MAFAT
Quantum technology and applications

12:30-13:10 Presentations by young researchers

13:10-14:15 **Lunch break + poster session**

Session III Chair: Ami Vardi

14:15-15:00 **Keynote speaker: Michael Zwolak**, NIST
*Atomic devices to probe and simulate
many-body transport phenomena*

15:00-15:40 Presentations by young researchers

Coffee break

Session IV Chair: Gabby Sarusi

15:55-16:55 Presentations by young researchers

16:55-17:25 **Invited talk: Yifat Turbiner**, BGU
Entrepreneurship and Emerging Technologies

17:25-17:40 **Awards for best talk and poster.**

Committee:

Chair: Joseph Zyss, ENS Cachan, CNRS, Weizmann
Yoni Dubi, Chemistry Dept. BGU

Ibrahim Abdulhalim, Electro Optics Dept. BGU

Ilana Bar, Physics Dept. BGU

Eugene Frumker, Physics Dept. BGU

Avishy Carmi, Mechanical Engineering Dept. BGU