

Between Science and Technology

The **BeST** seminar series Spring semester 2022

24/04/2022

Challenge: Short vectors in lattices
Meets pulsar astronomy.
Barak Zackay, Physics.

Solution: Reconstructing tissue
spatial gene expression maps.
Shalev Itzkovitz, Biology.

29/05/2022

Challenge: Optimal functionality
through complex-structure search
in materials.
**Sivan Refaely-Abramson,
Molecular Chemistry.**

Solution: Imaging atomic
structures and the response of
electrons to them.
**Haim Beidenkopf, Condensed
Matter Physics.**

26/06/2022

Challenge: Learning to build and to
tweak neural networks.
Elad Schneidman, Biology.

Solution: Encoding the
determinants of molecular activity
leads to automated and reliable
protein optimization methods .
Sarel Fleishman, Biochemistry.