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## What happens when mechanics meets biology?

Joining TAU after post-doctoral research at Caltech and the Weizmann Institute of Science, **Dr. Ayelet Lesman** (Engineering) develops new tools to quantify the mechanical interaction of biological cells with the surrounding 3D environment. Her work will lead to new insights into processes such as cell motion, cell division and stem cell differentiation that can be used for tissue engineering and regenerative medicine.

## 35 What if we could turn gestures into sounds?

**Hadas Pe'ery** (Arts), Teaching Fellow at the Buchmann-Mehta School of Music and a composer and scholar of electronic music, affixes sensors and other electronic instruments on live performers to transform their physical gestures into sounds. She creates collaborative staged events in which sound is manipulated in real time by the movement of actors, dancers and musicians, who are in turn inspired by the sound their actions create. The results are unique artistic works.

# MOVEMENT

Dancer Netta Weiser, who collaborates with Pe'ery, is a BSc student at the Sagol School of Neuroscience.