

## Biomedical Applications at the Molecular Level

OCTOBER 15-20, 2023

Technion Campus Mount Carmel, Haifa, Israel

You are invited to the EuroTech Autumn School – a vibrant and innovative scientific meeting.

The program is aimed for PhD students and postdocs as well as tutors from the EuroTech universities:

- TU/e
- DTU
- TUM
- École polytechnique
- EPFL
- TECHNION

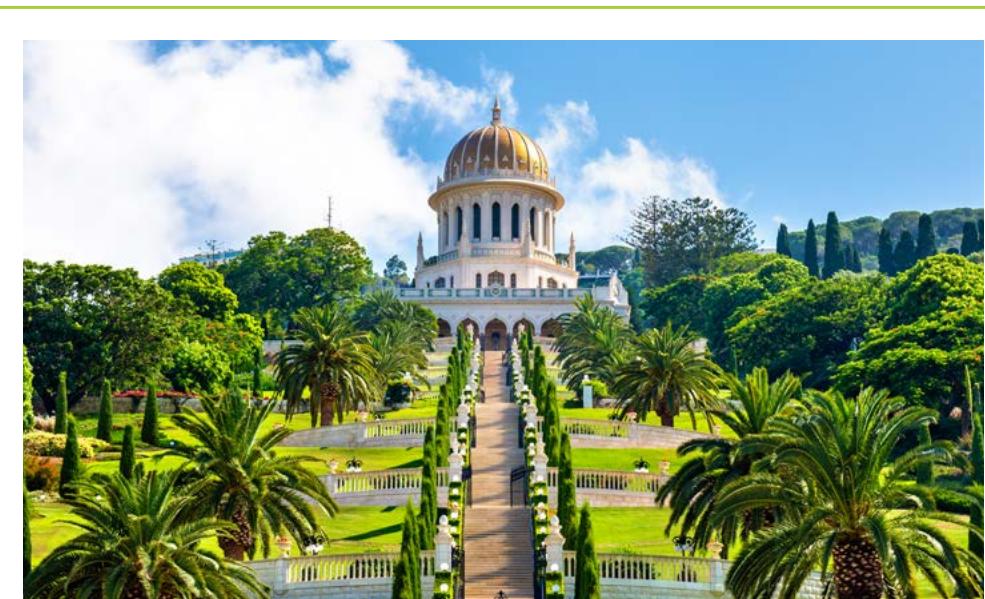
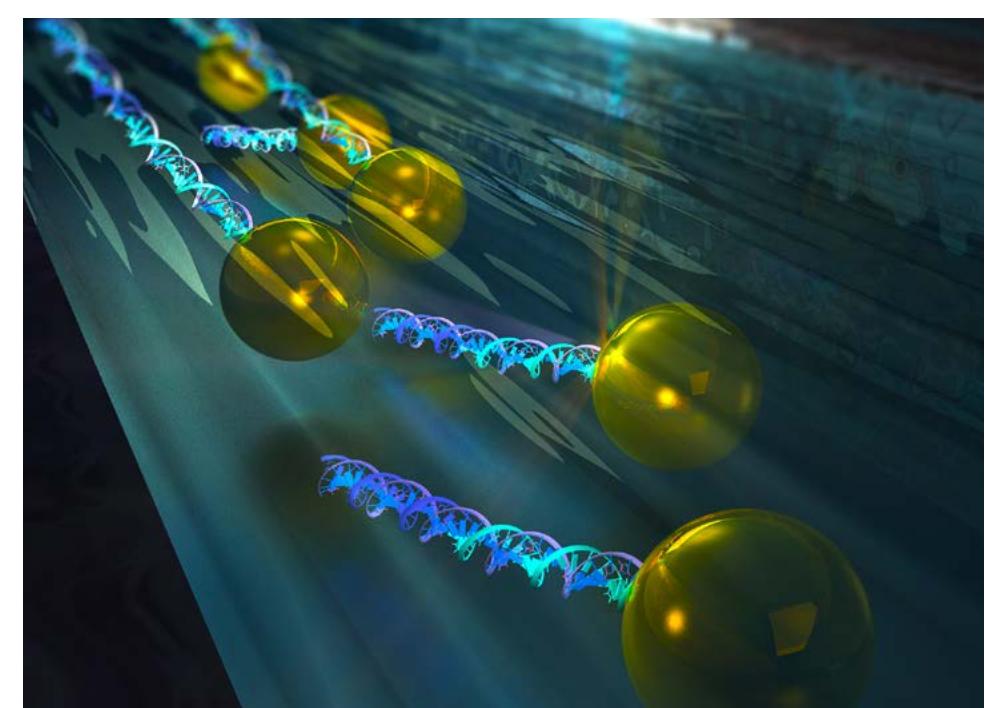
Designed to provide training on fundamental aspects of Biomedical Science and Engineering with the focus on the molecular level and cutting-edge themes. Providing a conducive environment for broadening your knowledge and networking.



### Selected topics (preliminaries):

- Synthetic Biology
- AI-driven biomedical applications at the molecular level
- Single molecule biophysics methods
- Nano-carriers for targeted drug-delivery
- Nano-pores for DNA and proteins analysis
- Biopolymers meet DNA nanotechnology

- Limited to 30 students
- Tutors from all EuroTech universities will give lectures and workshops
- The working language is English
- Program will include a visit to the Technion labs and Israeli high-tech industry
- Social activities & brainstorming sessions
- Participants can get academic certificate for 2 ECTS (pending on each university)



Organizing Committee at Technion: Prof. Yuval Garini, Dr. Shirly Rakier, Dr. Mark Davison, Dr. Racheli Braun, Dr. Merav Saker

### Operational Details:

- APPLY by e-mail to [Maria Sigutina](#), the EuroTech Focus Area “Health”.
- Final decision will be communicated by 21 August 2023.
- Registration fee per PhD student: 200€ (includes accommodation, meals and more).
- The cost of travel to Israel will be covered from the EuroTech travel budget of your home university.
- Accommodation will be at the Technion campus Forchheimer Guest House. For details [click here](#):
- Travel arrangements are under your responsibility.
- Working days of the Autumn School: 16-19 October 2023 (4 full days).
- Arrival day - 15 October. Departure day - 20 October 2023
- Accommodation for all participants is booked for the period 15-20 October 2023.
- For directions from the airport to the Technion, [see here](#):
- The Forchheimer Guest House is in the Neaman Institute Building, [see here](#):
- Technion information: [Dr. Merav Saker](#)
- For scientific questions, please reach out: [prof. Yuval Garini](#)