



Research field: Guidance

Proposed degrees for this position: MSc and PhD

Starting date: Immediate

Offer description: Research in the area of guidance of vehicles, in particular missiles and unmanned aircraft, operating individually or as a team. Our current research thrusts are: 1) 1-on-1 guidance (geometrical rules for guidance and guidance amidst obstacles); 2) Cooperative guidance (n-on-1 and m-on-n); 3) Guidance integrated with task assignment and estimation.

Research is mainly analytic and can be supplemented with experiments in our Cooperative Autonomous Systems lab.

Requested profile (background and skills): Background in control theory, optimal control, and optimization is preferred. High level of English and being self-motivated is required.



Send your application to: tal.shima@technion.ac.il