

## BLAVATNIK INTERDISCIPLINARY CYBER RESEARCH CENTER

### CALL FOR RESEARCH PROPOSALS, 2018

**The Blavatnik Interdisciplinary Cyber Research Center (Blavatnik ICRC) solicits cybersecurity-related research proposals.** Established in 2014 at Tel Aviv University (TAU) as a joint initiative of TAU and the National Cyber Directorate at the Israeli Prime Minister's Office, the Blavatnik ICRC draws on extensive intellectual networks both within Tel Aviv University and internationally, as well as on ties with government, public and industry stakeholders. Blavatnik ICRC has been facilitating cutting-edge challenge-focused cybersecurity-related research with a competitive grant program. Interdisciplinary proposals are of high interest for this call. **Applicants may leverage any academic disciplines, such as Humanities, Social Sciences, Science, Technology, Engineering and Mathematics, Life Sciences, Medicine, Political Science, Education, Psychology, Neuroscience, Environment, Law, Economics, Management etc.**

#### CYBERSECURITY-RELATED TOPICS: SOME ILLUSTRATIONS

Hardware, software, networking, system  
architecture

Autonomous & robotic systems

Artificial Intelligence & healthcare

Security of medical data & systems

Human-machine interaction & usability

Cryptography & cryptanalysis

Smart cities & smart societies

Law enforcement & cyber crime

Digital value chains & platform economy

Security of cyber-physical systems

Social, organizational, behavioral, ethical aspects  
of cyberspace

Machine vision & smart mobility

Algorithmic governance & justice

Online social networks & political behavior

Cybered conflict and warfare

Security of aviation & space systems

Information sharing mechanisms & strategies

Capacity building & education

Law, regulation, intellectual property in  
cyberspace

Sustainability & technological change

Security of financial & monetary systems

Distributed ledger and cryptocurrencies

Public trust & social cohesion

Cloud services & sovereignty

Measuring risk & security

Big data & deep learning

Security mechanisms, methodologies & strategies

Civil liberties & privacy

## RESEARCH TRACKS AND FUNDING TERMS

The research proposals must fit one of the five tracks:

Track	Principal Investigator(s) (PI)	Duration (Max)	Annual Funding (Max ,NIS)
1. Exploratory	Single PI	1 year	80,000
2. Individual	Single PI	2 years	250,000
3. Collaborative	Two minimum, either from the same or different faculties	2 years	200,000 - 600,000
4. Large Interdisciplinary	Three minimum, from <u>different</u> faculties	2 years	300,000 - 1,000,000
5. Industry collaboration	One from academia & one from business (minimum)	2 years	1,200,000 (Industry funds $\geq$ 50%)

Funding can support the following budget items:

Purpose	% of budget
Scholarships for graduate students	Up to 100%
Scientific and technical staff	Up to 40%
Travel	Up to 10%
Equipment & Literature	Up to 10%
Miscellaneous	Up to 5%



- 1.2. Short description of cybersecurity relevance,
- 1.3. Research track number,
- 1.4. For Exploratory and Individual tracks: a letter of support by a TAU faculty member,
- 1.5. Format the abstract: up to 1,400 words, Calibri 12, 1.5 line spacing
2. A detailed budget request made in the budget appendix template (available online).
3. CV of all the Principal Investigator(s), including list of publications.
4. PIs that have won ICRC grants in the past must list the academic outputs of these grants.
5. PIs that conduct simultaneous research in similar topics must declare the research name, grant name and budget.
6. Submit all of the above online by Sunday, March 4, 2018.

#### TERMS OF THE ICRC GRANTS

All grant recipients are obliged to:

- a) Submit accurate and timely annual reports to the Blavatnik ICRC as well as to the TAU Research Authority.
- b) Present and discuss their research annually in the periodic Blavatnik ICRC events.
- c) Participate in Blavatnik ICRC activities: the annual Cyber Week, seminars, retreats, presentations to relevant delegations visiting Tel Aviv University, etc.
- d) Acknowledge the Blavatnik ICRC support in all resulting publications.
- e) Provide a copy of all resulting publications for the Blavatnik ICRC web repository.

For further information and questions:

<https://icrc.tau.ac.il/research/call-for-proposals-2018>

[icrc@post.tau.ac.il](mailto:icrc@post.tau.ac.il) 03-6406041