

## Registration form

Name:  
Affiliation:  
Address:  
E-mail:  
Phone:  
Supervisor (for students):

## Registration rates

Regular:  
early (until January 11, 2026) ILS 530  
late (after January 11, 2026) ILS 590  
Student (full-time graduate students only):  
early (until January 11, 2026) ILS 280  
late (after January 11, 2026) ILS 330

## Method of payment

Wire transfer, bank requisites:  
– beneficiary: איגוד ישראלי לבקרה אוטומטית  
– bank: Leumi (10)  
– branch: 705  
– account: 13186472  
Charge to institutional account  
On-site payment (cash or checks only)

Filled registration forms are to be e-mailed to

mira.aran.iaac@gmail.com

with a proof of transfer, if applicable

## טופס הרשמה

שם:  
מקום עבודה:  
כתובת:  
דוא"ל:  
טלפון:  
מנחה (עבור סטודנטים):

## דמי הרשמה

רישום מלא:  
מוקדם (עד 11 בינואר 2026) ₪ 530  
מאוחר (לאחר 11 בינואר 2026) ₪ 590  
רישום סטודנט (סטו' לתארים מתקדמים בזמן מלא בלבד):  
מוקדם (עד 11 בינואר 2026) ₪ 280  
מאוחר (לאחר 11 בינואר 2026) ₪ 330

## אמצעי תשלום

העברה בנקאית, פרטי הבנק:  
– מוטב: איגוד ישראלי לבקרה אוטומטית  
– בנק: לאומי (10)  
– סניף: 705  
– חשבון: 13186472  
לחיוב תקציב מוסדי שמספרו  
תשלום במקום (המחאה או מזומן בלבד)

את הטופס יש לשלוח לכתובת הדוא"ל

mira.aran.iaac@gmail.com

עם אישור העברה, אם רלוונטי



National Member Organization of IFAC and IAIN

Invitation to IAAC workshop

# Navigation Systems and Applications

## INWE26

to be held in **Daniel Hotel**, Herzliya  
on Monday, January 19, 2026 (Shebat 1, 5786)

Organizers: **Héctor Rotstein** (RAFAEL)  
**Vadim Indelman** (Technion)  
**Itzik Klein** (U Haifa)

We are grateful to the organizations below, whose support makes holding  
IAAC events possible

—	Applied Materials Israel Ltd.	—
—	Cielo Inertial Solutions Ltd.	—
—	Elbit Systems Ltd.	—
—	RAFAEL—Advanced Defense Systems Ltd.	—

Foreword

פתח דבר

The Israel Navigation Systems and Applications Workshop and Exhibition is a premier biennial event organized and sponsored by the Israeli Association for Automatic Control (IAAC), bringing together Israel’s navigation community for a full day of innovation, knowledge sharing, and collaboration. The event is designed for a broad audience with a professional interest in the navigation and time-keeping science, technology, and real-world applications.

The workshop features high-quality technical presentations spanning fundamental research, cutting-edge applications, and field-proven results. Complementing the technical program, the exhibition creates a vibrant meeting point where leading companies, developers, and local representatives showcase the latest navigation-related hardware and solutions—all under one roof.

This edition’s Itzhack Bar-Itzhack Invited Speaker will be Dr. Sherman Lo, Senior Research Engineer and Executive Director of the Stanford Center for Position Navigation and Time (SCPNT). Dr. Lo is a prominent member of the navigation science community, known for his contributions on GPS jamming and spoofing detection and mitigation and former president of the Institute of Navigation.

The program in the workshop offers a rich and balanced mix of academic excellence and industrial insight, delivering both deep theoretical perspectives and practical, real-world updates.

Beyond the technical content, the Workshop and Exhibition provides an outstanding networking platform. Attendees include students, researchers, industry professionals, end users, and policymakers—creating valuable opportunities for collaboration, knowledge exchange, and future partnerships in this fast-growing and dynamic field.

We look forward to welcoming you to a highly engaging and successful event.

Héctor Rotstein (RAFAEL) Workshop Organizers  
Vadim Indelman (Technion)  
Itzik Klein (U Haifa)

תכנית

Program	
08:30–09:00	Registration and visit to the Exhibition
09:00–09:10	Opening
09:10–10:10	Itzhack Y. Bar-Itzhack Talk: <i>Detecting and Examining GNSS Spoofing Threats Using Low Cost and Existing Infrastructure</i> Sherman Lo (Stanford University)
10:10–10:50	<i>Quantum Technology for Time Keeping and Navigation</i> R. Folman (Ben-Gurion University of the Negev)
10:50–11:30	Coffee / tea break and visit to the Exhibition
11:30–11:50	<i>Towards Optimal Performance and Action Consistency Guarantees in Dec-POMDPs with Inconsistent Beliefs and Limited Communication</i> M. Rafaeli and V. Indelman (Technion)
11:50–12:10	<i>DCNet: A Data-Driven Framework for Doppler Velocity Log Calibration</i> Z. Yamplosky and I. Klein (University of Haifa)
12:10–12:30	<i>Radiometric Interferometry for Deep Space Navigation Using Geostationary Satellites</i> M. Golani, Y. Rozen, and H. Rotstein (Technion)
12:30–12:50	<i>VNPRFormer: Lightweight Rotation-Invariant Vector-Neuron Transformer for Large-scale LiDAR Place Recognition</i> T. Zhang and S. Filin (Technion)
12:50–13:10	<i>Algorithms for Nonlinear Mixed-Integer Location Estimation</i> O. Uziel, E. Fogel, D. Halperin, and S. Toledo (Tel-Aviv University)
13:10–14:30	Lunch break and visit to the Exhibition
14:30–14:50	<i>R&amp;D on the Frontlines: How to Build Anti-Jamming Solutions at the Speed of the Threat</i> M. Kaplan (Infinidome)
14:50–15:10	<i>Motion Averaging Driven Visual–Inertial Initialization Supported by an Improved Adaptive Robust Kernel</i> C. Dai and S. Filin (Technion)
15:10–15:30	<i>Monocular, Low-cost SLAM for a Burrowing Robot</i> N. Makmal and A. Degani (Technion)
14:30–15:50	<i>Enabling Mission Success: Honeywell’s solutions for the GPS Denied Battlefield</i> N. Hartney (Honeywell)
15:50–16:10	<i>Applied CRPA Testing—Agile NAVWAR Threat Representation</i> M. Holbrow and J. Martin (Spirent)
16:10–16:15	Closing Remarks
16:15–17:00	Coffee / tea break and visit to the Exhibition
17:00	End