

2022 Israel Navigation Conference and Exhibition
Third Announcement
31 January 2022
The Daniel Hotel, Herzliya, Israel

Important Dates:

Abstract submission deadline for talks in the Workshop:	31 October 2021
Poster proposal submission deadline:	31 October 2021
Acceptance notifications:	30 November 2021
Contracting a booth in the Exhibition:	15 December 2021
Final presentation submission:	13 January 2021

Please send your abstracts or poster proposal to Prof. Vadim Indelman (Vadim.indelman@technion.ac.il) or Prof. Itzik Klein (kitzik@univ.haifa.ac.il).

For contracting or enquiring about an exhibition booth, please contact Dr. Hector Rotstein (hector@rafael.co.il) or the INWE secretary Mira Aran (mira.aran.iaac@gmail.com).

The Navigation Workshop is a biennial event organized and sponsored by the Israel Association for Automatic Control (IAAC). For those not familiar with the association, the IAAC is a non-profit organization congregating a large number of members from Academy and Industry interested in the broad areas of Control and System Theory.

Check the webpage <http://iaac.technion.ac.il/home.html> for further details and the opportunity to subscribe to the IAAC mailing list.

Following the huge success of previous events, the 2022 edition has been scheduled for 31 January at the Daniel Hotel, Herzliya.

The workshop is a one day event dedicated to technical talks that range from fundamental research, to applications, to field test results.

The topics of interest include navigation, positioning and timekeeping in all their variations, sensors, systems, optimal integration of multiple sensors, and novel or emerging technologies in the field of navigation. In parallel with the talks we will host a technical exhibit at which navigation equipment component and system manufacturers and suppliers show their current products and most recent technical innovations.

You can expect to see the latest, most innovative navigation products and services from top navigation companies. The event also brings together the large navigation community of researchers, suppliers and users in Israel.

Topics of interest for the Workshop include, but are not limited to:

- New concepts, advances and algorithms
- Emerging navigation, control, and timing sensor technologies and their applications
- Developments in ground based and satellite based augmentation systems
- Use of existing and/or new, innovative inertial sensor technology and designs for demanding environments and applications
- Sensors and algorithms for enabling navigation in indoor environments
- Effects of interference on the GNSS RF bands
- Navigation challenges posed by emerging micro air or ground vehicles
- Techniques involving new ways of integrating traditional aiding sensors or new aiding sources into multisensory integrated navigation systems
- Discussion of manufacturing, test and evaluation of all types of sensors
- Projects, concepts, systems, and advanced algorithms related to emerging vision based navigation applications