

The 2022 Israel Navigation Conference and Exhibition Preliminary Announcement

Gatherings of delegates are now possible

Announcing launch of INWE22 31 January 2022

This Navigation Workshop is a biennial event organized and sponsored by the Israel Association for Automatic Control (IAAC).

For those not familiar with the association, a Member of IAIN, see here: <http://iaac.technion.ac.il/home.html>

The IAAC is a non-profit organisation bringing together a large number of members from academe and industry interested in the broad areas of Control and System Theory.

Web page

Readers are invited to see 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, IAAC is now starting to organise the 2022 edition, scheduled for 31 January next, at the Daniel Hotel, Herzliya, Israel.

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

Topics of interest

Topics of interest include positioning, navigation, and timing 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 IAAC will host a technical exhibit at which navigation equipment component and system manufacturers and suppliers show their current products and most recent technical innovations.

It is expected that delegates will be able 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.

Proposals for talks and exhibits are invited and information for updating this list will be greatly appreciated by e-mail here:
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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