The world has seen substantial advances in the design, modernization, and applications of GNSS. Location-based technologies have triggered the go-ahead for smart ’phones, future ’phones for communication and navigation, autonomous operation of unmanned vehicles, and urban challenges. This conference will provide an update on satellite-based and integrated navigation systems. The conference will also cover the latest developments in navigation and positioning for land, sea, and air with special focus on GNSS augmentation.

The conference is of particular interest to service providers, manufactures researchers, educators, officials, and policy makers. Therefore, both the conference and the accompanied exhibition will meet all participants’ interests.
Abstract Submission
Authors are invited to submit a 250-300 word abstract, indicating the most appropriate session(s) for the paper. Abstracts may be submitted electronically by e-mail to Dr Ahmed El-Rabbany at rabbany@ryerson.ca or the Arab Institute of Navigation at ain@aast.edu. The paper title, a list of all the authors, affiliation, mailing and e-mail addresses, and the primary contact should appear on the abstract.

The deadline for receiving the abstracts is 1st December 2009. Notification of acceptance of the abstracts will be e-mailed on 17th January 2010.

Full manuscripts of accepted abstracts along with a short biography (maximum 150 words) of the paper presenter are due at the Arab Institute of Navigation by 15th March 2010.

Please note that all papers must be submitted electronically.

Conference Scientific Committee
Dr Ahmed El-Rabbany Ryerson University, Canada
Dr Said Easa Ryerson University, Canada
Dr Naser El-Shemy University of Calgary, Canada
Dr Aboelmagd Noureldin RMC/Queen’s University, Canada
Captain Said Balbaa AASTMT, Egypt
Captain Hesham Helal AASTMT, Egypt

Conference Topics
2- GNSS Ground- and Space-Based Augmentations
3- Integrated Navigation Systems
4- GNSS Receiver Technology
5- Land, Marine, and Air Applications
6- Mobile Vehicle Tracking and Monitoring
7- Surveying and Geodesy
8- GNSS Errors and Biases
9- GNSS Interference.
10-Alternative Non–GNSS Systems
Organizing Committee
Captain Said Balbaa, Conference Director
Dr Ahmed El-Rabbany, Conference Chair
Eng Ibrahim Ghamery, Exhibition Director
Captain Hesham Helal, Program Chairman

Executives Secretariat
Mrs Omyma Ismail
Miss Nagwa Rekaby
Miss Lydia Ramses

General Information

► Conference Date & Venue:
Melaha 2010 conference will be held at a five-star hotel in Cairo, Egypt, during the period 3rd to 5th May 2010.

► Registration Fees:
- Full registration: €400 (before 1st February 2010)
- Full registration: €450 (after 1st February 2010)
- Spouse: €150 (before 1st February 2010)
- Spouse: €200 (after 1st February 2010)

Registration includes the welcome reception, attendance of technical sessions and exhibition, CD of the conference proceedings, refreshments and lunches during the conference days.

Spouse registration includes the welcome reception, refreshments and lunches during conference days.

► Certificate of Attendance
A certificate of attendance will be given to registered participants upon request.

► Welcome Reception
A welcome cocktail party will be held on (Sunday) 2nd May 2010.
This relaxed evening will give delegates a chance to catch up with old friends and meet new ones. Attendance of this event is included in the registration fee for participants and registered accompanying persons.

► Gala Dinner
Gala Dinner will take place on 4th May 2010 at a five-star Nile Cruise.

► Registered Accompanying Persons
A comprehensive social programme will be arranged for spouses.

► Exhibition:
An exhibition will run in parallel to the conference. The exhibition will offer a unique marketing opportunity to companies and agents in the navigation business to present the latest navigation technology. €1000 per unit (4 sq m), including table, electric power connections, and meals for two persons

► Working Language
The official language of the conference is English.

► Sponsorship
Conference sponsorship opportunities are available. Sponsors will have the following privileges:
• Name and firm will be included in the sponsors’ list shown on all conference publications.
• Sponsor’s name and logo will be included in the conference programme.
• Each sponsor will be given a ten minute presentation between the conference sessions.
• An appreciation gift will be presented to the sponsors at the closing session.

► Cancellations and Refunds of Registration
Notification of cancellation must be made in writing and sent to the conference secretary. Cancellation of registration will be accepted until 3rd April 2010, up to which date the total amount will be refunded less €50 cancellation fee. For cancellations made after 3rd April 2010 the organisers regret that no refunds can be made.
**Method of payment:**
VISA, MASTERCARD, a bank draft payable to the Arab Institute of Navigation, or at the registration desk.

**Arab Institute of Navigation (AIN)**
The Arab Institute of Navigation (AIN) is a professional society established in 1978, bringing together professionals in the field of navigation and related disciplines. AIN is an active member of the International Association of Institutes of Navigation and a prominent institute among operational bodies in the field of maritime industry in Egypt.

**AIN Objectives**
- To advance the development of the general field of navigation, satellite communication, and maritime transport;
- To foster co-operation between various navigation societies in Egypt, Arab world, and overseas;
- To promote safety of navigation
- To maintain a maritime library that contains both old and state-of-the-art reference books and nautical publications.

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