

Workshop

Geolocation and navigation In Space and Time

28-29 March 2018

Observatoire de Paris

Meudon Site

CALL FOR PAPER

The URSI-France 2018 Workshop, under the sponsorship of the French Academy of Sciences, will be dedicated to **"Geolocation and navigation"**. The workshop will be held at "Observatoire de Meudon" (10 minutes train from Paris), on March 28-29, 2018.

Geolocation has massively entered our society. It is used in many applications. It covers a wide range of fields, including GNSS satellite tracking systems, radars, interferometry, communication systems, autonomous vehicles, connected objects and smart cities. Geolocation may require extremely accurate clocks, which raise scientific and technological challenges.

The workshop will be organized around oral and poster sessions. Most sessions will be introduced by invited lecturers presenting the state of the art and/or recent developments, followed by regular communications, which will be selected by the Scientific Committee. The working languages will be French and English.

Main topics:

- **Space observation**
- **Observation of the Earth and its environment from space**
- **Geolocation on Earth by GNSS satellite systems**
- **Advanced techniques, radar and interferometry**
- **Geolocation of airplanes and UAV without GPS**
- **Developments related to geolocation in mobile telephony and for the Internet of things, indoor and underground localization, big data and predictive localization, localization for industry 4.0 (robots...)**
- **Metrology and electromagnetism aspects of clocks**
- ...



ORGANISATION

The workshop will be held at **the Meudon Site** of the "Observatoire de Paris", 5 place Jules Janssen, Meudon, France, on Wednesday 28 and Tuesday 29, March 2018. The Tuesday around 12:30 pm, will be held the **General Assembly of URSI-France**.

SCIENTIFIC COMMITTEE

Chairman: Jean-Benoit AGNANI, ANFR, France

Ouali ACEF, Observatoire de Paris, France
Luca BALDINI, Consiglio Nazionale delle Ricerche, Italy
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Tullio TANZI, Télécom ParisTech, France

ORGANIZING COMMITTEE

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Pierre BAUER, Bureau des longitudes, France
Joël HAMELIN, URSI-France
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Karl-Ludwig KLEIN, Observatoire de Paris,
Thierry LETERTRE, CentraleSupélec, France
Alain SIBILLE, IMT Télécom ParisTech, France
Hervé SIZUN, URSI-France

STUDENT AWARD

An **URSI prize of 500 euros** will be allocated by the Scientific Committee for the **best paper presented by a PhD student**.

YOUNG SCIENTIST GRANT

A **Young Scientist Grant of 300 euros and free registration** will be awarded to a selected paper whose first author's affiliation is European and outside France. The first author must attend the workshop and he/she must be under 35 years old.

PUBLICATION – EDITION

The papers will be available online via the URSI-France website: <http://ursi-france.org>
After selection by the Scientific Committee, some authors will be invited to publish a paper either in a special issue of the "**Comptes rendus Physique**" of the "**Académie des sciences**" or in the "**Revue de l'électricité et de l'électronique**" (REE).

SUBMISSION INFORMATION

The communication proposals should be submitted online via the website <https://ursi-france.sciencesconf.org/>, with a clear and concise one or two pages abstract, allowing scientific evaluation. For further information on paper submission, see the website.

DATES TO REMEMBER

- **January 10, 2018: Deadline for submission of communication proposals**
- February 2: notification to authors of selection by the Scientific Committee
- **March 2: deadline for full text submission**
- March 10: Notification of the final acceptance of the full paper
- **March 28-29: Workshop**
- *April 5: list of the selected papers for publication*

REGISTRATION FEES

The **registration fee is 220 €** for each participant. It includes, among others, lunches and coffee breaks. A **125€ reduced fee** will be applied to students and retired participants.

With an additional 47 € you will receive the special issue of the "Comptes rendus Physique" of the "Académie des sciences", which will gather the key contributions of the Workshop. It will be sent to you when released, early 2019.

Registration to the Workshop will be made online, **before 24 March 2018**, via the website:

<https://ursi-france.sciencesconf.org/>

MISCELLANEOUS

All information relating to the 2018 Workshop can be found on the website of URSI-France:

<http://ursi-france.org>