

2nd International
doctoral seminar
in field of Geodesy,
Geoinformatics and
Geo-space



Centre for Advanced
Academic Studies
University of Zagreb,
Dubrovnik, Croatia
May 8th – 11th, 2018

FIRST ANNOUNCEMENT

Honourable colleagues,

after successfully organized First Doctoral Seminar in field of Geodesy, Geoinformatics and Geo-space on May 22nd – 25th, 2017 which gathered 37 participants we are pleased to announce Second Doctoral seminar which will again take place in Dubrovnik, at Centre for Advanced Academic Studies (CAAS) of University of Zagreb, on **May 8th – 11th, 2018**.

The goal of the Seminar is to enhance educational and research potentials on the postgraduate doctoral study of geodesy and geoinformatics Faculty of Geodesy of University of Zagreb and other academic institutions. We intend to do it through promotion of international cooperation, exchange of experiences and results of PhD students researches, networking, launching of joint scientific and research projects and building ties between students and mentors. With the intention to emphasize international character of the Seminar and build its scientific level, Seminar is co-organized in cooperation with Technical University Munich from Germany and Catholic University Leuven from Belgium.



University of
Zagreb



Technische Universität München



KU Leuven

The development of IC and satellite technologies, micro- and nano-electromechanical systems and robotics has caused mayor and deep changes in geo-sciences, what is especially visible in field of Geodesy and Geoinformatics. Additionally, globalization and interdisciplinarity have fostered development of completely new concepts of data collection, analysis and usage of spatial information, where Global Navigation Satellite Systems and Unmanned Aerial Vehicles have changed paradigm of classical Geodesy, as well as Spatial Data Infrastructure is just beginning of a process materialized today through concepts of intelligent transportation, smart cities and smart environment. Finally, in recent years there were exciting new achievements in understanding of

various space phenomena that significantly influences our planet. This new science, the so-called Space Weather is tightly related also to geo-sciences.

Technological revolution and fast growth of all branches of geo-sciences puts academic society in front of great challenge, how to cope with changes and how to keep highest level of education and research, especially emphasized in the execution of postgraduate doctoral studies. At the Faculty of Geodesy, as elsewhere in the world, we see the answer in networking on all levels, enabling the students of PhD studies, their mentors and teachers exchange of information scientific cognition and executed projects, research results. This should enable better mobility, joint launching and participation in projects, dual mentorships and doctoral thesis.

In above mentioned context, PhD schools and seminars become frequent, almost regular form of activity in advanced countries worldwide. Because of lack of such content in South-East Europe in field of our interest, we have decided to organize International Doctoral Seminar which should enable to all PhD students, from Faculty of Geodesy but also other academic institutions participation in this seminar under favourable conditions in fascinating surrounding of Dubrovnik, the pear of Croatian coast.

ORGANIZATION

Seminar organizers are University of Zagreb, Technical University Munich and Catholic University Leuven. Preparation and execution of the Seminar will be done by the Faculty of Geodesy in Zagreb, Institute for Geodesy, Geomatics and Land Administration in Munich and Institute for Public Governance from Leuven with the support of Office for International Cooperation and Centre for Advanced Academic Studies of University of Zagreb.

For preparation and execution of Seminar an international Organization Committee has been established and its members are:

- Professor Željko Bačić, Faculty of Geodesy University of Zagreb (chair)
- Professor Walter Timo de Vries, Technical University Munich,
- Professor Joep Cromptvoets, Catholic University Leuven,
- Professor Almin Đapo, Faculty of Geodesy University of Zagreb,
- Bojan Vršnak, PhD, Faculty of Geodesy University of Zagreb,
- Ass. Professor Vesna Poslončec-Petrić, Faculty of Geodesy University of Zagreb and
- Ass. Professor Rinaldo Paar, Faculty of Geodesy University of Zagreb.

SEMINAR PROGRAMME

Seminar programme will consist from sessions and workshops which will comprehend several types of activities:

- Motivation lectures given by professors and mentors,
- PhD students research presentations,
- Research projects presentations,
- Workshop on possibilities of student mobility and
- Workshop on academic cooperation possibilities between students, mentors and academic institutions.

Opening session and workshops are foreseen to be held plenary. Student research presentations, dependent on number of participants, are foreseen to be held in three focus groups (geodesy, geoinformatics and astrophysics and astronomy (geospacer)).

TECHNICAL DETAILS

Event is taking the place on **May 8th – 11th 2017**. Seminar will start on Tuesday 8th at 13.00 and finish on Friday 12th at 12.30 hours.

Event location is **Centre for Advanced Academic Studies of the University of Zagreb (CAAS)** located in Dubrovnik, Don Frane Bulića 4 (the building at the header of Announcement), only 200 m away from the Pile entrance to the Old town. CAAS is specialized for organization of schools, conferences, seminars and other academic events and is equipped with all necessary infrastructure for running our seminar. More info about CAAS can be found on its web page <http://www.caas.unizg.hr/>

Accommodation is organized in **Dormitory** of CAAS-a under very favourable price conditions. Dormitory has in total 70 beds in newly furnished single-, double-, triple- and four bed rooms or apartments.

Meals will be organized at the level of **half-pension (breakfast and lunch)** in nearby **restaurant Mimoza**.

PARTICIPANTS

We expect from the Seminar participants – PhD students to prepare one page abstract of their research which will be published in Seminar proceeding and to present their research on the Seminar in the length of 20 - 30 minutes (dependable on the number of participants).

From the teachers and mentors, we expect active participation in the Seminar, either by holding motivation lectures, present research projects, present cooperation possibilities or present on new trends in organization and execution of Postgraduate doctoral studies.

FEE AND REGISTRATION

It is our intention to organize Seminar which will enable participation to all interested PhD students, their mentors and teachers from Croatia, and other countries in our region and Europe in all. Faculty of Geodesy has therefore, with support from the University of Zagreb taken care to ensure additional funds for Seminar organization so that costs of registration and stay in Dubrovnik could be acceptable for all, also having in mind that Dubrovnik is the most expensive tourist destination in Croatia. Since there are different accommodation possibilities (in single and double bedrooms, and triple bed apartments), as well as length of stay, registration costs are split in two parts. Costs related to Seminar organization itself (fixed) and costs of accommodation which are tied to room type and length of stay (variable). Registration costs are set as follows:

- Registration fee for participants 240 €
- Registration fee for accompanying persons 200 €
- Accommodation costs (4 days/3 nights) from 48 € to 93 €
- Accommodation costs (5 days/4 nights) from 64 € to 124 €

Registration fee includes: seminar costs, three breakfasts and lunches in Restaurant Mimoza, coffee breaks, national dinner, tickets/cost for social events.

Registration form is attached to this Announcement and filled form should be sent per mail on e-mail address referada@geof.hr .

Registration deadline for all participants & abstract submission for students is **March 16th**!

Amount for fixed cost, confirmed by organizer, participant should pay on account listed in registration form till **May 1st**.

Please have in mind that accommodation capacity we have presently ensured is limited (9 single and 12 double bed rooms as well as 3 triple) and for Dubrovnik circumstances offered price is extremely favourable. Therefore, in case that number of interested participants exceeds available capacity, the registration sequence and duly payment will determine the list of participants!

ADDITIONAL INFORMATION

All above mentioned, as well as additional information on 2nd International Doctoral Seminar in field of Geodesy, Geoinformatics and Geospace are available at the seminar web page <http://www.science.geof.unizg.hr/ids2018/> .

IDS3Geo Organization Committee