

GEOBIA 2016 Doctoral Colloquium – 12-13 September 2016

The 2016 GEOBIA conference, which will take place from 14-16 September 2016 at ITC/the University of Twente, Enschede, the Netherlands, will be enriched by a 1½ day international Doctoral Colloquium, jointly organized with Z_GIS (University of Salzburg, Austria). The purpose of the Colloquium is to help doctoral students interested or working in the field of GEOBIA develop an effective research and career plan in this domain. The focus of the colloquium will be on discussions and mentoring, as well as sessions to find together adequate solutions to specific OBIA problems posed by the participants. We are pleased to confirm **Dr. Andrea Baraldi** (https://www.researchgate.net/profile/A_Baraldi) as contributor to the colloquium, who will join senior OBIA researchers from Z_GIS and ITC. Participation in the Colloquium is free of charge, and lunch and refreshments are included. However, participants wishing also to participate in the GEOBIA conference must register (see <https://www.geobia2016.com/conference-registration>; a student rate is available).

Together with facilitators the PhD students and recent postdocs will first identify the communalities of the research currently being addressed by the participants, also with respect to main research trends within the GEOBIA community and the themes addressed by the conference.

Two major topics in the GEOBIA field will be analyzed in detail. For each topic a keynote presentation will summarize the state-of-the-art, and students and instructors will jointly discuss these recent developments. Topics are yet to be selected together with the keynote presenters, but will likely be among the following topics:

- Big Earth data: pre-classification and integrated workflow strategies
- OBIA-specific change detection and accuracy assessment
- 3D data processing and object generation
- Increasing classification transferability and OBIA operationalization

We anticipate a group of ca. 20 students and about 5 domain experts to take part in this exciting event. The program will include discussion panels on the challenges associated with each the two selected research stream, and will help early-stage researchers to position themselves in this field. The panels will be followed by a breakout session, where small groups of students will be assigned to 1-2 faculty members to discuss in more depth the panel topic. The colloquium will end with a wrap-up discussion of how lessons from the day can be applied to achieving scientific results and at the same time an effective work-life balance.

In parallel to the colloquium Trimble will be offering an eCognition training event. Realising that some of the participants will be interested in parts of the software training as well, Trimble staff will join part of the colloquium to work directly with participants on their OBIA-related research problems.

The colloquium directly precedes the GEOBIA conference, where all of the above topics – and more – will be treated in many oral and poster presentations, and where 4 internationally renowned keynote speakers will provide further insights and perspectives on current GEOBIA research and emerging trends.

Schedule:

Monday, 12 Sept., 13:30 – 18:00.

Tuesday, 13 Sept., 9:00 – 17:00. This will be followed by the GEOBIA 2016 icebreaker reception.

How to apply:

- Register via the form at <https://www.geobia2016.com/phd-colloquium/>
- Upload a short CV (max. 2 pages)
- Also upload a short motivation letter (max. 1 page) that includes details about your current research, and specific interest in OBIA.