SUMMER SCHOOL 2018
CITIZEN SCIENCE IN THEORY AND PRACTICE

October 15th – 19th | Grünau im Almtal, Austria
Lecturers: P. Brown | D. Dörler | D. Frigerio | F. Heigl | P. Hummer | C. Krawczyk | T. Phillips | A. Richter | A. Sieber

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Citizen science (CS) is becoming increasingly important within the research community, as one can gain large, spatially and temporally scaled data sets. But how to get citizen scientists interested and how to deal with big data? What makes a successful study and where to publish your data?

Apart from keynote talks held by international experts, participants will get hands-on experiences associated with the respective topics and time to network with the invited speakers and other participants. We will cover all relevant topics associated with CS: from planning a study, funding and designing apps to analysing big scattered data sets and publishing results. The summer school will be held in cooperation with the Konrad Lorenz Research Station and the Cumberland game park Grünau, where several CS projects are taking place.

**SCHEDULE**

**Monday, 15 October 2018**
09:00-10:00 | Registration
10:00-11:00 | Welcome and get to know each other
11:00-12:00 | Why use CS? The value of CS: Data collection and beyond
12:00-13:00 | Funding possibilities: programmes and resources
13:00-14:30 | Lunch Buffet at JUFA
14:30-16:00 | Which study design/methods is/are useful for a CS project
16:00-16:30 | Coffee Break at JUFA
16:30-18:30 | **Workshop**: Design your own CS project
19:00-20:30 | Dinner at JUFA
21:30- | **Social Event**: Happy Hauer’s Cocktail Bar

**IMPORTANT INFORMATION**

Extended application deadline: 15 August 2018
Application: send an informal email with a letter of motivation (max. 2500 characters to Sigrid Hager (vds.cobene@univie.ac.at)
Number of participants: max. 30
Fee: € 170,00
Target group: students with a Master’s degree, PhD candidates, Post-docs, people interested in designing a citizen science project
Venue: JUFA Hotel Almtal
**Tuesday, 16 October 2018**
09:00-10:00  | The use of apps – How to train citizen scientists?
10:30-11:00  | Coffee Break at JUFA
11:00-12:30  | How to get and keep citizen scientists interested?
12:30-14:00  | Lunch Buffet at JUFA
14:00-15:30  | **Workshop:** Design your own app
15:30-16:00  | Coffee Break at the Cumberland game park Grünau
16:00-17:30  | **Workshop:** Testing already existing apps at the Cumberland game park Grünau
17:30-18:30  | Tour at the Konrad Lorenz Research Station Grünau
19:00-20:30  | Dinner at JUFA

**Wednesday, 17 October 2018**
09:00-10:30  | CS project examples
10:30-11:00  | Coffee Break at JUFA
11:00-12:30  | CS project examples
12:30-14:00  | Lunch Buffet at JUFA
14:00-15:30  | How to verify data/guarantee data quality?
15:30-16:00  | Coffee Break at JUFA
16:00-17:30  | **Discussion:** Data policy and success of CS projects
19:00-20:30  | Dinner at JUFA

**Thursday, 18 October 2018**
09:00-10:30  | Statistics for big data and big data storage
10:30-11:00  | Coffee Break at JUFA
11:00-12:30  | Statistics for big data
12:30-14:00  | Lunch Buffet at JUFA
14:00-15:30  | **Workshop:** Statistics for big data
15:30-16:00  | Coffee Break at JUFA
16:00-17:30  | **Workshop:** Statistics for big data
20:00-  | **Social Dinner:** Gasthaus D’Einkehr

**Friday, 19 October 2018**
09:00-10:00  | Advantages and challenges when working with schools
10:00-11:00  | Scientific communication: How to present results to citizens?
11:00-11:30  | Coffee Break at JUFA
11:30-13:00  | **Discussion:** CS and peer-reviewed publications - Mission Impossible?
13:00-13:30  | End of summer school – Lunch bags from JUFA
afternoon:  | **optional hiking tour** in Gmunden “Naturschauspiele”
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VENUE
The summer school 2018: Citizen Science in Theory and Practice takes place at the JUFA Hotel Almtal, Hinterrinnbach 17, 4645 Grünau im Almtal, Upper Austria.

REGISTRATION
An informal registration with a letter of motivation should be directed to Sigrid Hager (vds.cobene@univie.ac.at) until 15 August 2018. Due to the maximum number of 30 participants, applicants will get notified about the decision on the final participants 31 August 2018.

FEE
The fee of € 170,00 (incl. tax) includes accommodation (2-bed room) and all meals at JUFA according to the programme. VDS CoBeNe PhD fellows can apply for reimbursement. Social events and optional hiking tour are not included in the fee or topic for reimbursement.

TRAVEL & ACCOMMODATION
Travel has to be organized by the participants, a certain number of rooms are reserved at the JUFA Hotel Almtal.

ORGANISING COMMITTEE
Responsible for this student organised summer school are the following VDS CoBeNe PhD fellows: Verena Pühringer-Sturmayr, Lara Iaiza and Arno Cimadom, all University of Vienna, supported by the VDS CoBeNe organisational assistant Sigrid Hager.