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Vienna Doctoral School  
Cognition · Behaviour · Neuroscience

# SUMMER SCHOOL 2018: CITIZEN SCIENCE IN THEORY AND PRACTICE

October 15<sup>th</sup> – 19<sup>th</sup> 2018 | Grünau im Almtal, Austria

Lecturers: P. Brown | D. Dörler | D. Frigerio | F. Heigl |  
P. Hummer | C. Krawczyk | T. Phillips | A. Richter | A. Sieber



# SUMMER SCHOOL 2018

## CITIZEN SCIENCE IN THEORY AND PRACTICE

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.

### IMPORTANT INFORMATION

**Application deadline:** 15 July 2018

**Registration:** send an informal email with a letter of motivation (max. 2500 characters) to Sigrid Hager ([vds.cobene@univie.ac.at](mailto:vds.cobene@univie.ac.at))

**Number of participants:** max. 30

**Fee:** € 170.00 incl. tax

**Target group:** students with a Master's degree, PhD candidates, Post-Docs, people interested in designing a citizen science project

**Venue:** JUFA Hotel Almtal

## 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

## **Tuesday, 16 October 2018**

- 09:00-10:30 | 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”

## **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). Due to the maximum number of 30 participants, applicants will get notified about the decision on the final participants until 31<sup>st</sup> July 2018.

## **FEE**

The fee of € 170.00 incl. tax, includes accommodation (2-bed rooms) 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-Sturmayer, Lara laiza and Arno Cimadom, all University of Vienna, supported by the VDS CoBeNe organisational assistant Sigrid Hager.



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