



Reporting back on the Citizen Science Winter School and saying good-bye





Friday, January 17

- Excursions
- Lunch
- Evaluation
- Time to say good-bye...



Goals of the Winter School

- get an **overview** of current citizen science debates and know the essential arguments,
- gain **insights** from current citizen science activities in Zurich with a high degree of participation,
- get to know **different approaches** of citizen science, its methods and tools, their possibilities and limits,
- be able to **decide** how participatory approaches can be useful for your own research project,
- become **familiar** with principles, methods and tools for participatory process design and support.



Session times	Sunday, 12 January	Monday, 13 January	Tuesday, 14 January	Wednesday, 15 January	Thursday, 16 January	Friday, 17 January
8.55-9.15		Morning meeting, Aula	Morning meeting, Aula	Morning meeting, Aula		by 8:30 Luggage deposit
9.15-10.30am		Skill identification UZH Campus Rämistrasse 59, Aula Anja Pawelleck, UZH	Workshops (part I) Designing CS projects UZH Campus Rämistrasse 59 Pia Viviani, RAA-E-29 Ruth Förster, RAA-E-30	Workshops (part I) UZH Campus Rämistrasse 59 Communication in CS - Susanne Hecker, RAA-E-29 Artistic practices - Johanna Barnbeck, RAA-E-30	Workshops Supporting Citizen Science in Academia and Beyond ETH Zurich, Main Building, Rämistrasse 101, HG E1.2	8:55 Individual Meeting points for Citizen science excursions or guided tour of the city of Zurich Blinde Kuh: Stauffacher, Coop to Go Badenerstrasse 15 Stadtwildtiere: Hotel Marta Zurich City Raumschiff: Zurich Central Station under the angel in main hall
10.30-11.00am		Coffee	Coffee	Coffee		
11.00-12.30pm	Participants arrive individually Getting in	Introduction to Citizen Science (plenary), Aula - Bruno Strasser University of Geneva	Workshops (part II)	Workshops (part II)		
12.30-2.00pm		Lunch break	Lunch break	Lunch break	Lunch break	Lunch break
2.00-3.30pm	Check-in at hotel Hotel Marta Zurich City	Ethical questions in CS (plenary), Aula - Anna Jobin, ETH Zurich	Workshops (part III)	Workshops (part III)	Workshops Supporting Citizen Science in Academia and Beyond ETH Zurich	Reporting back on the Winter School & saying good-bye UZH Campus Rämistrasse 59, Aula
3.30-4.00pm	Meeting point, Aula	Break	Break	Break		Finish by 3.30pm, collect luggage
4.00-5.30pm	Get-together: Getting to know the participants UZH Campus Rämistrasse 59, Aula	Preparation for the Workshops CS in Academia and Beyond, Aula	Reporting back on the workshops (plenary), Aula	Reporting back on the workshops (plenary), Aula		
6.00-8.00pm	Dinner (Apéro Riche)	Dinner (Pizza)	Excursion to Uetliberg with fondue dinner	Dinner (UZH Mensa)	Dinner (Apéro Riche)	



Evaluation Survey

Survey Link <https://de.surveymonkey.com/r/28PNBG7>

Please give us feedback on the winter school, because...





Feedback: Good, keep as is (I)

Workshops

- Tuesday & Wednesday Workshops; Ruth's & Johannas Workshop; Nice workshops & good program; excellent workshop leaders!
- Great arts based research workshop
- The StadtWildTiere tour was really nice!; The excursion was very insightful
- The intensity of workshops was fine :) [Post-it als Antwort auf Kritik an niedriger Workshop Intensität]

Formats

- Small focus groups - great idea!
- Good mix of „business“ & „pleasure“
- I liked how everything was knitted together -> preferring back to previous learnings, reporting back for overview, overview of the week at the last day and this in various formats which kept it lively
- Excursions & dinner on the first day

Organisation

- Timing and organisation; Great organisation; a brilliant organisation of the event
- Organizers were friendly and supportive
- Sustainability focus
- Hotel Marta = Great
- Having a host family was great; Loved my host family
- I loved the idea C.S. group took charge of most of the cost so could be affordable to participants (sic)
- Excellent food!!!; Amazing food; thank you for vegan options



Feedback: Good, keep as is (II)

Participants

- Recruiting participants from different areas of studies and disciplines:
Diversity in participants; Including people from different levels of experience
- Them peoples =); Everyone were really helpful (sic); People!! friendly, open + nice! Thanks!
- Both the participant groups & organisers had super energy, so many wonderful conversations!; Friendly and interdisciplinary
- Possibility for further cooperation? :)



Feedback: Pass, but work on (I)

Organisation/Locations/Sessions Timing

- Wine is fine but for beer we cheer =)
- More chocolates please =)
- More space between chairs please
- Limited spaces in workshop. Would be better to allow all participants to join the workshops they wanted to.
- I would have done day 1 the field trips, day 2 workshops and dinner for socialization
- Breaks too long (lunch) - better let us leave earlier
- I love Swiss precision, but please allow more time between sessions
- Lectures could be shorter, workshops more detailed
- Shorter final feedback sessions - energy is very low at the end of the day - DITTO!

Workshops and Sessions (I)

- Share more examples on unsuccessful projects
- Do a CS project during CS academy with attendants as participants
- Share more tools & platforms & get us using them
- Workshop to Design CitSci projects: Reduce time on „personas“ maximise time on „outcomes & risks“
- Practical training on CSc
- Maybe small exercise during the day?
- More information about sources for funding and international orgs working on CSc



Feedback: Pass, but work on (II)

Participants

- Workshops were more oriented for people without any collaborative experience, but we were people with different levels of experience
- Maybe create more diverse groups incl. academics, practitioners, people
- We can't go on rants about participants if we don't invite citizens to hear their two cents! =)
- More interaction with citizens and CSc projects
- Get people doing CSc to talk about their success and failure experiences



Feedback: Drop, because

Issues in workshops and other formats

- Workshops & tasks could've been more intense [Positives Antwort Post-it dazu am Anfang]
- Thursday infrastructure workshop, not structured well and moderator was quite passive
- Workshops on Thursday were very Swiss and funding centred and somehow redundant
- Yesterday [Thursday] workshops we were harvested rather than gaining insights on the topics
- More training new skills, less talking about skills
- Too much time introducing each other in short workshops every day
- Less redundancy from the intro to the workshops
- Not nice to rush for workshop spot
- Bring facilitators to first day exchange so we can dive deeper during workshops
- Involving PhD students in discussions with Profs is difficult.
- Heating was too high!
- More concrete examples for workshops, less imaginary cases



Reporting Back & Feedback

Reporting back & Feedback

What are your personal learnings?
 What do you take home/adopt into (your research) practice?
 Which skills could you acquire?

What worked well in the group?
 What should the orga team consider?
 What is important for a follow-up of the winter school?

What is required to mainstream CS?
 Which institutional challenges do early career researchers face to practice CS?



Personal learnings; take-aways; skills acquired (I)

Knowledge/Argumentation

- Better arguments for adopting citizen science that I can use on my supervisor
- Key factors of CS and when it works and when it doesn't
- More knowledge about citizen science in general
- Deeper understanding of citizen science debates
- We are all scientists, artists, citizens
- That CS is science! And that the data is valid!
- We all can make CS
- Need to [??] seek out space/time for ideas and creativity
- Got some food for thought about the inclusion
- Take home message for me: raise awareness of projects that citizens might not be interested in.
- I got some inspiration for more research methods
- Abroad categorisation of CS which will be useful in my research / Good theoretical background for debates
- Make implicit why you use citizen science approach + how you apply it
- Similarity of ideas (CS) globally (regardless of different labels)
- Learned: Complexity of developing & implementing CS project



Personal learnings; take-aways; skills acquired (II)

Methods/Designing CS

- Designing good CS is complex, there is no one size fits all, it must be tailored to the project + have meaningful impact for the community
- Co-creation as much as possible; CS is collaborative work
- Transformational learning + embodied knowledge - new outlooks for me!
- TH: I will write a communication plan
- TH: I will co-create our eval. Criteria
- TH: Elaborate on project goal (co-discuss)
- „artistic“ methods can really help prototyping ideas and testing implementations
- Citizen science project design method

Skills

- More creativity in my research & methodology
- Talking about our skills for CSc was great but what about working on training other skills?
- I feel more confident in CS
- (1) To communicate the skills I have learned here to my home Uni.
- (2) I adopt participatory approach in my research
- I found out about new ways of including citizens in scientific research
- CS project planning skills
- Improved my project/science communication skills
- Increased awareness about various methods
- learnings: possibility of creating a CS center



What worked well; what the OK should consider; important follow up

General

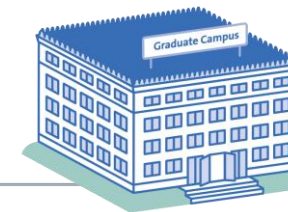
- Deepening knowledge / constructive criticism
- Sharing relevant conferences or other possibilities to meet again
- Exchange of experience with exponents in CS (citizens, scientists, NGOs)
- To stay in touch & be informed about future conferences etc

Workshops

- Workshops on Tue & Wed did good for opening up
- Good Stimmung in the workshops
- Presenting, discussing, evaluating our projects
- Excellent workshops and leaders - mix of theory and practical exercises
- Include team working both for the participants both as a T. Skill to take home.
- Best practice examples
- Get us participating in a CS project during the WC (as citizens)
- Going into practice

Participants (I)

- Staying in the same experience level rule in group recruitments
- Diverse disciplines, still possible to work in group(s) and co-create
- Interdisciplinarity
- The group worked well, everyone talked to everyone all the time



What worked well; what the OK should consider; important follow up

Participants (II)

- Such a wonderful group of people! Can the PWA/CSC please fund a reunion in summer??!!
- Include science communication, public engagers, citizens. CSc is supposed to be inclusive
- Intercultural openness :)
- Great group interactions (very inclusive)
- Diversity, open-ness, reflexivity
- Great mix of people from different backgrounds
- Having PhD/PostDocs and ‚supporters‘ (Berater usw.) together as participants
- Participants‘ different backgrounds was richness
- Everyone seemed to have the space to be themselves
- Inviting actual citizens involved in CS projects

Orga

- You = team / Excellent role models for co-creating & participatory
- Emphasize that the Sunday evening will be „compensated“ by early leave on Friday :)



Mainstreaming; institutional challenges for early career researchers

General

- Academic culture needs to change for CS to be implemented
- Everything... Transformative change [???], addressing so many aspects, e.g.: financial, bureaucracy, lack of recognition/knowledge of CS in wider academia
- Reflection on epistemology
- Lack of support from institutions/Institutionalisation
- Dinosaurs: ie: the old [???] in academia resisting out-/inreach. Luckily, they're going extinct.

Trust/Acceptance

- Lack of trust -> Trust
- Alleviating the stigma around Citizen Science in Academia

Funding

- Money = funding; funding!
- Concrete commitment from Universities + funding bodies - funds, structural support

Participation and Engagement

- Early engagement from Academia
- Early participation in real C.S. yes at Bachelor level
- Lack of role models (=challenge)
- Participants of this CS winter school can be representators to their home Universities
- A generation of a cohort's CSc initiative at the end of the school??



Mainstreaming; institutional challenges for early career researchers

Inclusion of Citizens/Communication/ Networking

- Lower barriers and more inclusion for actual citizens
- Invite citizens to the CS academy
- Networks to link citizens and scientists
- Concrete meetings of multidisciplinary scientists
- Strengthen the international network on/of CS
- International cooperation + mutual communication ways
- Communication
- More outreach to universities worldwide. More acceptance from professors & deans.