Welcome to SciFilmIt Hackathon Zurich 2021

25.06 – 27.06

Nikon

UNIVERSITÉ DE GENÈVE

life science zurich

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NATIONAL CENTRE OF COMPETENCE IN RESEARCH

University of Zurich[UZH]

University of Zurich[UZH]
Department of Geography

University of Zurich[UZH]
Department of Chemistry

THIS PACK CONTAINS EVERYTHING YOU NEED TO KNOW ABOUT THE NEXT THREE DAYS

Event aims

- To share skills and ideas within and between teams
- To equip scientists with skills that can help them communicate their science for the rest of their careers
- To give artists a unique insight into science and the scientific process
- To create films that accurately, accessibly, and beautifully communicate science to a non-scientist audience
- To create a community of science communication creators

Event rules

1. The film should be within or highly related to the specialisation of a scientist in the group.
2. The film should be around 3 minutes long, but definitely no longer than 4 minutes and 30 seconds.
3. The film should be backed by peer-reviewed scientific articles.
4. All seminars must be attended by all members of a team, if a team/ member does not attend all seminars, this may affect their eligibility for the prizes.
5. During the event we adhere to COVID-19 regulations as set by BAG. SciFilmIt will provide masks to be used during the event. **Wearing a mask is mandatory.**
6. We ask kindly to self test for COVID-19 before the event. In case you do not have tests, we will provide them.

Event timeline

The event will start **at 9:00am on Friday 25th June** in the Atrium of the Campus Oerlikon, University of Zurich building. Please arrive 15 minutes prior (8:45) to the event for registration.

Location: Campus Oerlikon, Building BIN, University of Zurich, Binzmühlestrasse 14, CH-8050 Zurich. (please see below for details)

We start with introductions of participants, mentors, and organizers. There will be **5 talks** on the first day and **2 talks** on the second day. **The talks are considered compulsory to attend**. We have invited people from around Switzerland and beyond who we believe offer unique and fascinating insights into filmmaking, science communication and storytelling.

Each evening is completed by a group dinner at around 7pm. Most teams usually continue to work after this on both evenings, so expect to commit your whole day to your team. The final day (Sunday 27th of June) is a day spent finishing the final film for evening showcase.

During the event we have 7 mentors that have given their time to support the creation of the films, please do not hesitate to ask for help. Information on each mentor can be found in this pack.

Useful information

Getting here: Campus Oerlikon building BIN is in Oerlikon. Google Maps gives you accurate instruction to get there: Campus Oerlikon, Building BIN, University of Zurich, Binzmühlestrasse 14, CH-8050 Zurich.

It is located close to the Oerlikon train station (5-minute walk). To reach the building you can take a train to Oerlikon Bahnhof (S6, S9) from Zurich HB. Alternatively, a tram stop Leutschenbach (Trams 11, 10) is close by.

Useful contacts		
Sandra Tietscher	Logistics	+41787703192
Ave-Lii Idavain	General	+41767891726

WIFI CONNECTION

Instructions for Wifi will be provided during the first day.

Social media

Follow and tag us on…
Twitter: @SciFilmIt
We have a hashtag: **#SciFilmIt and #SciFilmItZRH21**
Facebook: @SciFilmIt
Instagram: @SciFilmIt

Funding and support

The organizations have given funding as well as their time, experience, and peoplepower to make SciFilmIt possible. We thank them greatly for their support.

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With a special thanks to Alex Primas, Axel de Reydet de Vulpillières, Alexandros Papadopoulos and all the backers

SCHEDULE

Day One. Friday 25.06

Time	Event	Location
8:45	Arrival and registration	Atrium
09:00	Opening ceremony	Auditorium (BIN-1-B.01)
9:25	**Katell Bosser – Why should you tell your story to the world?** **Eleonora Aquilini – Post-pandemic SciComm: challenges and opportunities for scientists**	Auditorium (BIN-1-B.01)
10:15	Break	Various
10:30	Group Work – brainstorming ideas	Various
11:40	**Mark Melnykowycz – What does it take to make a film in 3 days?** **Jonny Berliner – Storytelling narratives**	Auditorium (BIN-1-B.01)
12:30	LUNCH	Mensa
13:30	Group work - meet your mentors	Various
17:30	**Samuel Lagier – Bring color to your science**	Auditorium (BIN-1-B.01)

18:00	Group work and preparation for presentation	Various
19:00	Dinner – Indian food!	Mensa
19:30	**Presentation of initial ideas**	Mensa
22:00	**BUILDING CLOSES**	

Day Two. Saturday 26.06

Time	Event	Location
8:30	Arrival	Atrium
09:00	**Reik Leiterer – Breaking down science for a broad public** **Mahroo Movahedi – Visuals in communication**	Auditorium (BIN-1-B.01)
9:50	Meditation!	Auditorium (BIN-1-B.01)
10:00	Group work – finalize your script	Various
12:30	Lunch	Mensa
14:00	Group work - filming	World
18:40	Relaxing yoga	Atrium
19:00	Dinner – Lebanese food!	Mensa
19:30	Status update	Mensa
22:00	**BUILDING CLOSES**	

Day Three. Sunday 27.06

Time	Event	Location
8:30	Arrival	Atrium
9:00	Energizing yoga	Atrium
9:20	Group work – filming and editing	Various
12:30	Lunch	Mensa
13:30	Group work - editing	Various
17:30	**BIG DEADLINE:** submit your work *(Refer to submission checklist)*	
18:00	Cleaning up your workspaces	
18:30	Drinks & Dinner – Pizza!	Auditorium (BIN-1-B.01)
19:30	Film screening	Auditorium (BIN-0-K.O2)
21:00	Wrap up	

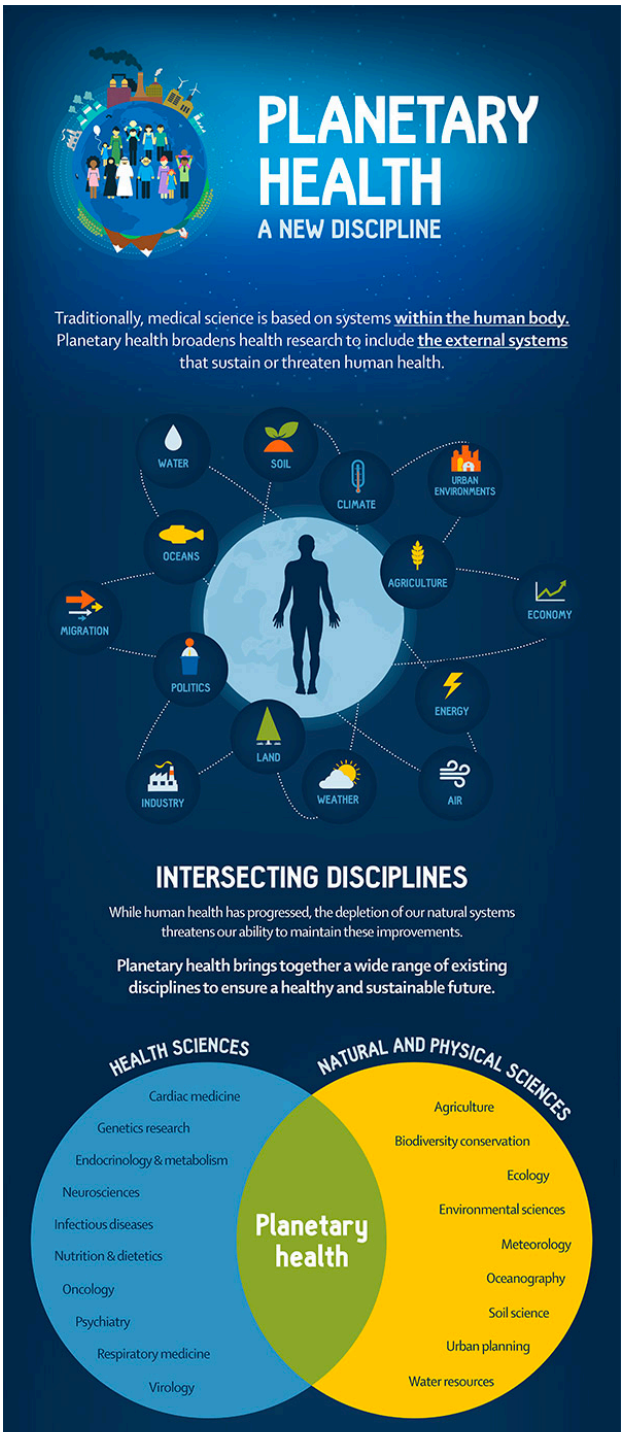
Wednesday, 30th of June - Public screening of films @ ONLINE.

We hope that you can make it! Teams will answer a couple of questions from the audience after it is screened. Prizes are awarded to the best films from the jury and the public.

Pre-hackathon checklist – WHAT TO DO BEFORE FRIDAY 25.06

- [ ] Join our event Slack channel: https://join.slack.com/t/scifilmitzrh2021/shared_invite/zt-rc016b86-AwwmSfDeYwJElD7HthHZ4w
- [ ] Bring what you need for your creative process: computer, paper, pens, and pencils etc.
- [ ] Optional: equipment you might have.

This year we will focus on one theme Health: Human and planet



Human health is physical, mental, and social embracing all aspects of human life. Our social, economic, and politic systems continue to generate "new diseases" including stress, racism, and inequalities but have also been rocked by the pandemic. The degradation of natural systems on which we rely further threaten our ability to sustain human health.

https://www.thelancet.com/infographics/what-is-planetary-health

Zurich 2021 Mentors

Invited mentors

Reik Leiterer

After academic years in medicine, mathematics, art and archaeology, Dr. Reik Leiterer found his fulfilment in the field of geography - working with wonderfully beautiful satellite images of our planet. Now, he likes to inspire other people on this and other topics (sciencelab.uzh.ch), to bring innovation to the fields of energy and tourism (exolabs.ch), to spend his time in the studio in front of the canvas or in the mountains, running and climbing.

Katell Bosser

Self-described as “Farmer of flourishing companies”, Katell is a real Jack-of-all-trades. Originally a nurse, she is a pure humanist and has a great knowledge about health. She studied communication sciences and loves extracting the essential message of a project. Becoming a mother has been synonymous with becoming a serial entrepreneur. Incidentally, simultaneously exploring finance and gardening, she considered that it would be a good idea to mix them. So, she wrote two books about permaculture principles applied to personal finance and entrepreneurship. Be surprised or not, the idea is making its way and thus, she is engaged with sustainable economy subjects as a TV chronicler.

Mahroo Movahedi

Mahroo is a PhD student in Social Anthropology at the graduate school of Art and Humanities, University of Bern. Her interests center on visual anthropology and multisensory studies She explores themes of culture, landscape, and memory. She has been working in the arts and cultural sectors for many years and has held several exhibitions in Switzerland.

Jonny Berliner

Science troubadour, Jonny Berliner, is a pioneer of the geek-pop genre on a mission to make science accessible to all. His unique brand of comedy-science songs was originally commissioned for the Guardian Science Weekly podcast, after which he became a regular contributor to science festivals and comedy nights, alongside some of the world's leading science communicators. As an expert in using song for engagement, he provides public engagement training to academics by cowriting songs about their research with them and the public and works in the formal education sector as an expert in using song as a teaching tool.

Dr. Sam Lagier - Host

After years of contributing to academia from the inside and picking at mouse brains, Dr Samuel Lagier now contributes from the outside, hopping from university to university to teach researchers how to speak about their research. He is passionate about research, improvised comedy and storytelling. You can find him teaching (samspeaksscience.com), performing (renegadesaints.ch) coaching (tedxlausanne.com) or playfully laughing. He also loves picking at human brains.

Dr. Mark Melnykowycz

Mark is an Artist-Engineer, with a background in materials/mechanical engineering (wearable sensors) and startups (user experience/product design, connected car, data science). He works with traditional video production, animation and immersive content, including 360/VR animation and video. His current focus is on the development of Cancer Kill Squad, an adaption of his adventure with cancer treatment, diagnosis, and patient empowerment to a stop-motion short film experience.

Eleonora Aquilini

Fascinated by what's invisible to the eyes, Eleonora obtained the PhD in Environmental Microbiology and Biotechnology in 2013. Years of experiments and 3 post-docs later, she discovered that nasty parasites like the ones of malaria or toxoplasmosis use a conserved secretion system to enter the host cell (Nat. Microbiol. 2021).

After creating a giant, openable, 3D-printed mosquito, she started to take her first steps in scicomm (2015). While doing a Master in Science Communication and Future Media (2017-2020), she co-founded SciFilmIt, and left Academia (2020). She is now the Communication & PR Director of a biotech company in Barcelona (Spain).

Viv – music producer

Viv is a classically trained guitarist and pianist and she has been playing music for more than 18 years. She has been active in music production for about 15 years, producing in genres, varying from video game music, pop, folk, ambient to R&B, hip-hop and more recently chillhop/lofi hip-hop/jazzhop. Parallel to being active in the music industry, she went to London Point Blank Music School and received a Master's diploma in Music Production and Audio Engineering.

Jury members

Prof. Marille Hahne

Hahne is professor in Filmmaking. For 25 years she taught at the Zürich University of the Arts (ZHdK) and was the director of their Master education program. She also lectured at the HFF, Munich and at the Goethe Institute, India. Since 1983, she has directed documentaries in Germany, the US and Australia and now specializes in films about Art and Science collaborations (AIL Productions and Neuromedia).

Fanny Haussauer

Currently producer at Nous Production, Fanny has a Master's degree in Film Studies and has worked for several production companies (Bande à Part Films, Tolmao, À Travers Champs). Previously, she was part of the research department team at La Manufacture - Haute école des arts de la scène and worked for the Swiss film industry's journal Cinébulletin. She was also in charge of various cultural mediation projects (#cine, CultuRadio) and has programmed artistic events (Wunderkammer, SonOhr).

Prof. Maria J. Santos

Maria J. Santos is an Associate Professor at the Department of Geography at the University of Zurich with a research focus on Earth System Science which aims to understand social-ecological system dynamics and their dependence on biodiversity to inform sustainability pathways. She is also the Co-Director of the University Research Priority Program in Global Change and Biodiversity.

Sara Petchey

Sara is a life-long science educator and teacher trainer, currently completing a doctoral dissertation on effective training techniques for the university level. She is a big believer in the power of stories for communicating simply and clearly the often-abstract elements omnipresent in science education and research. She is a Texas native now living in Switzerland with two sons, an English husband, and a seemingly immortal cat.

David Price

David completed his undergraduate studies at Liverpool University in History and American Studies in 1988. After working in the industry for 10 years he became a builder of interactive science exhibits and now loves to build science shows and highly interactive science experiences for audiences of all ages.

David is a LAMDA trained public speaker to gold level with distinction. He regularly trains diverse groups in both science communication and science busking techniques.

SUBMISSION

Film delivery

We need the finished version of your film by **17h30** on the Sunday evening. The export settings we want:

File format: mp4

Encoding: h.264

Graphic display resolution: 1080 x 1920

Sound: aac, 48kHz, 32 bits

Length: 3 minutes

SUBMISSION CHECKLIST

Sunday night 27.06 by 5:30pm you need to submit the following:

- [ ] **1 film**
- [ ] Simple presentation (1-3 slides) for Sunday night private show. This could be about your experience and process.
- [ ] Film poster
- [ ] Trailer of the movie (15 sec)
- [ ] German subtitles

Keep in mind that UNTIL public screening cinema event (30th of June) you still have time to work on your film, poster, and trailer. However, jury will assess movies submitted on Sunday. **We expect the FINAL versions by Tuesday (29th of June) evening 8pm.**

Platform questions

We are working on putting all the films we make on an online platform. Here people will answer questions before and after watching them. We will use this data to assess how effective the film is at communicating the ideas and concepts within it. We would like you to keep this in mind during the film creation process and give us 6 multiple choice questions after the event. We will come back to you after the event for these questions. Note that they must be written in a way that allows the reader to understand the questions without having seen the film.

E.g. Who is the main character and what are they made up of? Does not work because before the film the watcher has no idea who the main character is.

Good example: Which of these substances is released when certain plants are attacked?

a. Z
b. X
c. Y

Submit the questions in a word doc to robbie@scifilm.it

For the **Wednesday (30.06) showing at the Online Public Screening** we welcome you to make small changes to improve the quality of the film. These typically consist of addition/ improvement of: titles, credits, sound levels, colour grading, video/ audio transitions. **The updated films need to be with Ave by 8pm on Tuesday 29th June.**

Sunday night screening

During the private screening the mentors will provide informative feedback on the films on the following evaluation criteria:

- **Scientific value** (Does the film bring valuable information to the public? Was the science accurately communicated?)
- **Artistic quality and engagement** (Is the film aesthetically beautiful and creative?)
- **Accessibility for the public** (Would your family and friends understand?)
- **Overall impression** (How much did you enjoy watching this film?)

The external jury will score the films based on the same criteria during the public cinema event.

University Accreditation

1 ECTS in the University of Zürich and ETH. If you are a member of a supporting university or doctoral program, drop us an email with your student ID and affiliation.

Finding your way around

In the Oerlikon Campus we can use the following rooms:

BIN-0-K.11	Team Room 1
BIN-0-K.12	Team Room 2

BIN-0-K.13	Team Room 3
BIN-1-B.01	Auditorium
BIN-1-D.25	Team Room 4
BIN-1-E.01	Team Room 5 (next to Mensa)
BIN-0-K.02	Auditorium for Sunday Film Screening

All the rooms will have SciFilmIt logos on them for you to find them easily.

Each morning you can enter the building at 8am. Each evening we will need to be out of the University of Zürich by **10pm.**

Equipment

We have rented various lights/ mics, speak with us to book them!

Public Cinema Event - ONLINE

Public Cinema Screening will take place ONLINE on Youtube followed by a Breakout room Apero, where people have the opportunity to talk directly to filmmakers and exchange ideas.

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19h00 Start

19h30 Show starts