Spring edition 31.3.-2.4. 2023 RECONNECTING SCIENCE & SOCIETY

GLOBAL SCIENCE FILM FESTIVAL

University of C ETH-RAT u^b Karger FRANKLIN & swissnex eawag

5th Global Science Film Festival

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Welcome to the 5th GLOBAL SCIENCE FILM FESTIVAL Greetings from the University of Zurich and ETH RAT



The 5th Global Science Film Festival demonstrates not only how science and culture are connected, but also how they are growing together. The University of Zurich supports the Film Festival for the 5th consecutive edition, because the Festival has created a special platform to produce, show and discuss science films, and to connect science and society through the produced films. I look forward to discovering the stories and cinematography presented between 31 March and 2 April.

Prof. Dr. Elisabeth Stark Vice President Research University of Zurich



Films are a very attractive medium to deliver content, and thus to confront the audience with important issues. Science plays an important role in helping us understand our world and in meeting the challenges of the future. Thus, it is important that scientific content also be presented in films. Films, whether short or long, are increasingly present on internet platforms or on social media and are therefore also of increasing importance for science communication. The science film festival is an excellent initiative in that it focuses our attention on the importance of the relationship between science communication and filmmaking; it also allows us to discover science films we did not yet know about. I very much look forward to the 2023 edition!

Prof. Dr. Michael Hengartner President of ETH Board

Welcome to the 5th GLOBAL SCIENCE FILM FESTIVAL

Greetings from the University of Bern and Karger Publishers



Scientists have created new knowledge for centuries. While in early times of sciences, knowledge exchange was restricted to bilateral correspondences and letters, we nowadays have the great opportunity to share new discoveries not only with other colleagues but can use new media to approach our society. Given the many facets of Social Media, films with their acting image sequences and sound effects represent an excellent tool to approach non-specialists in an impressive and understandable manner. In this sense, the Faculty of Sciences of the University of Bern is happy to support the Global Science Film Festival as a modern way to share our knowledge with the public. The stimulating, broad, and inter- and transdisciplinary program will provide a unique base for exchange and critical discussions on major subjects of our social and scientific life. I wish you a profound but also very enjoyable experience. Have fun!

Prof. Dr. Marco Herwegh Dean Science Faculty University of Bern



This year's Science Film Festival will open with the health science day in Basel on Friday, March 31st. We not only support this first day but the whole Festival and the Science Filmmaking Marathon. It is important that scientists use the art of storytelling to explain their research to a broader audience. For Karger Publishers, the promotion and support of early-career scientists is a central task as we invest in the future of science and society. We very much look forward to seeing the GSFF reach its goal of serving the information needs of the scientific community and the public alike.

Gabriella Karger Chairwoman, Karger Publishers Daniel Ebneter CEO, Karger Publishers

Welcome to the 5th GLOBAL SCIENCE FILM FESTIVAL

Greetings from Swissnex and the Franklin University Switzerland



Films, especially when watched collectively, can trigger emotions. Films can also forge communities and translate often difficult narratives across disciplines and cultures. This is why the Global Science Film Festival is such an important initiative. Complex scientific research is not merely simplified, but creatively rethought and retold to make it more accessible for broader audiences. I'm thrilled that Swissnex, Switzerland's global network connecting Switzerland and the world in education, research and innovation, will be introducing works from this year's Global Science Film Festival to international audiences in China, India and Japan. I'm curious to see what emotions these films will spark and look forward to curating discussions and debates around them in our respective locations.

Philippe Roesle CEO Swissnex in China



Cinema not only possesses the virtue of bringing us closer to our human feelings and emotions but also of challenging our intellectual convictions and foundations. To be able to dive deeper into science through the Seventh Art is a unique opportunity for testing the weight of our ideas in coexistence with the depth of our ignorance. Franklin is proud to bring the GSFF to Lugano and to support a class that combines a study of sustainability with the skill of filmmaking—akin to the Science Filmmaking Marathon—in its Social Justice and Sustainability Program. My immense gratitude to the Festival director Samer Angelone, and Franklin organizers Elettra Fiumi and Caroline Wiedmer, as well as to the generous organisers of the Sonoma International Film Festival for their generous collaboration. Together they are helping us find a genuine way to become better viewers, learners and listeners.

Prof. Dr. Samuel Martin-Barbero President Franklin University Switzerland

Welcome to the 5th GLOBAL SCIENCE FILM FESTIVAL Greetings from the festival organizers



The theme of our Global Science Film Festival this year, its fifth, is "Reconnecting Science and Society"—because as many of us emerge from our pandemic-induced slumber, it is clearer than ever that we must all work together on tackling today's challenges.

We are honoured to have received 3023 film submissions to this year's edition from 53 countries around the world. This made the selection process both exciting and difficult; the resulting program of shorts, feature films and invited panellists is extraordinary.

Our festival is sponsored by universities, so each of the Swiss festival venues is centered around students, who not only help with all organizational aspects, but whose own creative work takes pride of place before each of the feature films.

This year we are especially excited to announce two new participating universities—the University of Basel and Franklin University Switzerland in Lugano. Because we are growing in numbers, we also able to offer a second annual edition of the festival for the first time: in spring we celebrate cinema and science in Zurich, Lugano and Basel, and in autumn you are all invited to Bern for a host of inspiring films and engrossing debates.

Samer Angelone (Swiss Science Film Academy) Silvie Cuperus (Life Science Zurich) Elettra Fiumi (Franklin University Switzerland) Vincenzo Ribi (Bernet Relations AG) Susan Thieme (University of Bern) Katharina Weikl (University of Zurich) Mirko Winkel (University of Bern) Caroline Wiedmer (Franklin University Switzerland)



is a network of education, research, innovation and art outposts aimed at connecting Switzerland with the world's innovation hubs.

A Global Screening

Thanks to the partnership with the Swissnex, we have simultaneous screenings in Switzerland (Basel, Lugano & Zurich), India (New Delhi, Bangalore & Mumbai), China (Shanghai) and Japan (Osaka). The screening at the Swissnex India is in the framework of the 75th anniversary of the Friendship Treaty between Switzerland and India. 5th Global Science Film Festival Full program overview

> China: Shanghai (Swissnex China) India: New Delhi (Swiss Residence) Bangalore (Swissnex event space) Mumbai (Swissnex) Japan: Osaka (Cinemart Shinsaibashi)

Friday 31 March

11:30 Autosaurus Rex (Animation, 2022, 6 min)

CaSSIS. Mars Demystified (Animation-Drama, 2022, 7 min)

SRF 'Einstein': Expedition Deep Into The Glacier (Documentary, 2021, 39min)

Full program overview

Basel: Cinema Pathé Küchlin



Only films from the category Scientists-as-Filmmakers are screened online on 20-30 March. Other categories are screened only in the cinemas. 5th Global Science Film Festival Full program overview

ZURICH – Filmpodium Cinema

	Saturday 1 April	
11:00	One Table 50 Years (Animation, 2022, 3 min) Into The Ice (Documentary, 2022, 85 min)	
14:00	Pack-Body: A Game Of Mobility (Drama-Animation, 2022, 3 min) Verhebets? A Resource-Oriented Apéro (Animation, 2022, 4 min) Biodiversity Or Extinction: Mankind's Greatest Challenge (Documentary, 2021, 91 min)	
16:30		
18:45		
19:30	Sewing Souls (Drama, 2022, 4 min) Circular And Digital Learning (Documentary, 2023, 6 min) Cinema Sabaya (Drama, 2021, 92 min)	
	Sunday 2 April	
11:00	50 Shades Of Green (Animation, 2022, 4 min) The Seeds Of Vandana Shiva (Documentary, 2021, 81 min)	
14:00	The Science Of Fulfillment In Life (Animation, 2022, 3 min) Carbon: The Unauthorized Biography (Documentary, 2022, 89 min)	
16:30	The Beautiful Brain (Documentary, 2022, 9 min) The Invisible Extinction (Documentary, 2022, 80 min)	
18:45	Festival Party	
19:20	Twenty Words (Documentary-Drama, 2022, 2 min) Uncovering The Unknown (Drama-Animation, 2022, 5 min) All That Breathes (Documentary, 2022, 91 min) Award Ceremony	
	Full-lengthShortScientists-as-CeremoniesFollowed by a podium discussionFilmsFilmsFilmmakersSpecial eventswith filmmakers and scientists	

Only films from the category Scientists-as-Filmmakers are screened online on 20-30 March. Other categories are screened only in the cinemas.

5th Global Science Film Festival Full program overview

Lugano – Cinema Lux Art House



Other categories are screened only in the cinemas.

FULL-LENGTH FILMS GRAND PRIX BEST DIRECTOR

5th Global Science Film Festival FULL-LENGTH FILMS (out-of-competition)

Friday 31 March, 11:30 Switzerland: Basel (Cinema Pathe Küchlin)

China: Shanghai India: New Delhi, Bangalore, Mumbai Japan: Osaka

SRF 'EINSTEIN': EXPEDITION DEEP INTO THE GLACIER

(Out of competition) **GENRE:** Documentary **COUNTRIES: Switzerland** YEAR: 2021 LENGTH: 39 min LANGUAGES: German with English subtitles



Story

The glaciers in the Swiss Alps are melting due to global warming. As a consequence, melting water from the "Plaine Morte" glacier has turned into a threat for the mountain village "Lenk" in the Bernese Alps. This is why scientists explore the water channels inside the glacier. Presenter Tobias Müller delves into this climatic hotspot on a daring expedition into the middle of the glacier.

Debate

Making science accessible to the broad public

Einstein Co-Host: Kathrin Hönegger



Experts: tba

Experts: tba China

Experts: tba Japan



Kathrin Hönegger (Einstein Co-Host)

Hönegger has been co-hosting «Einstein» since 2013 and has presented specials from Japan (robotic sciences) as well as Africa (how science supports development aid). She also works for Swiss Radio SRF3 (talk "Fokus") as well as the art collective "Atelieer". Hönegger studied journalism (MAZ



Tobias Müller (Einstein Co-Host) Müller has co-hosted «Einstein» since 2011. His special interest is in digital transformation which has led to contributions to digital highlights with SRF in the past few years (Digitaltag, SRF Mensch-Maschine). Before starting his career in radio and TV journalism, Müller studied journalism (MAZ Luzern) as well as Multimedia Production (MSc at zhaw Chur). 12

5th Global Science Film Festival FULL-LENGTH FILMS

Basel (Cinema Pathe Küchlin), Friday 31 March, 16:30

Zurich (Filmpodium Cinema), Sunday 2 April, 16:30

THE INVISIBLE EXTINCTION

GENRE: Documentary COUNTRIES: Venezuela, USA, Switzerland, China, Israel YEAR: 2022 LENGTH: 80 min LANGUAGES: English SUBTITLES: French



Trailer https://www.youtube.com/watch?v=IWeQWYpoFZk

Story

The Invisible Extinction spotlights the extraordinary work and charismatic personalities of renowned scientists Dr. Martin Blaser author of best-selling Missing Microbes: How the Overuse of Antibiotics Is Fuelling Our Modern Plagues, and his partner in the lab and in life, Dr. Gloria Dominguez-Bello, as they endeavor to save our vanishing microbes that are essential for our survival. The film explores promising treatments in the US, Israel and China as well as diving into the gut-brain axis. As the Covid-19 pandemic hits, Blaser pivots to focus on how our microbes may help protect us from the virus and future pandemics, while Dominguez-Bello spearheads the creation of an international microbe vault to safeguard precious bugs that may help cure chronic illnesses.

Debate

The future of antibiotics

- Basel Film director and producer: Sarah Schenck Experts: tba Moderator: Marc Creus (University of Basel)
- Zurich Film director and producer: Sarah Schenck Expert: tba Moderator: tba



SARAH SCHENCK

(Director & Producer) Schenck uses storytelling to advance public health goals for diverse audiences. She is an award-winning writer, director, and producer; teaches meditation to people with mental health challenges. Sarah is a self-taught filmmaker.



STEVEN LAWRENCE

(Director & Producer) Lawrence has made awardwinning documentaries for over 30 years about activists, artists, and everyday heroes. He co-directed The Cat Rescuers. His many production credits include The Long Way Home, Married in America, and Sarabah.

Basel (Cinema Pathe Küchlin), Friday 31 March, 19:30 Lugano (Cinema Lux Art House), Sunday 2 April, 16:30

HAPPY PILLS

GENRE: Documentary COUNTRIES: Switzerland, USA, France, Nigeria, Israel, India YEAR: 2022 LENGTH: 84 min LANGUAGES: English, French, Hebrew, Spanish, Shipibo, Zarma SUBTITLES: English



Trailer https://vimeo.com/765769576

Story A journey through six different countries and characters into a world where chemistry is the ultimate response to human pursuits of wellbeing. From antidepressants to opioid pain or stimulant medication, the film questions our consumer society and the so called Eldorado of prescribed happiness.

> It is not an investigative documentary but rather a modern fable. What is there in common between a farmer in Niger who takes painkillers to keep on ploughing and a teenage girl in Massachusetts to whom the parents administer her dose of ADHD drug so that she can concentrate in class? The universal obsession with performance, the irrepressible desire to continue to function socially and, therefore, faith in molecules.

Debate	therefore, faith in molecules. Is it possible to put happyness in a pill?
Basel	Film director and writer: Paolo Woods Expert: tba Moderator: tba
Zurich	Film director and writer: Paolo Woods Expert: tba Moderator: tba
Lugano	Film director and writer: Paolo Woods Expert: tba Moderator: tba

Zurich (Filmpodium Cinema), Saturday 1 April, 16:30



PAOLO WOODS (Director & Writer) Woods is a photographer. He published books on oil networks, Iran, Chinese in Africa, Haiti and on tax havens. He has received two World Press Photos awards. "Happy Pills" is his first film.



ARNAUD ROBRERT

(Director & Writer) Robert has directed three documentaries that won awards at Vues d'Afrique festival in Montreal and Jean Rouch Festival in Paris. His last medium-length film, "Gangbé", had its world premiere at Visions du Réel festival in Nyon.

Zurich (Filmpodium Cinema), Saturday 1 April, 11:00

INTO THE ICE

GENRE: Documentary COUNTRIES: Greenland, Denmark, Germany YEAR: 2022 LENGTH: 85 min LANGUAGES: English, Danish SUBTITLES: German



Trailer https://www.youtube.com/watch?v=aK5Xrb_6f5U

Story

Zurich

On the frozen borders of Greenland, three scientists probe the core of the ice. They are renowned glaciologists, pioneers in field investigations of our ice sheet. These daring and passionate adventurers are trying to answer some of the most pressing questions of our times: exactly how fast is the ice sheet melting, and what will be the consequences for the rising sea levels? The filmmaker accompanies the three scientists into the heart of the glacier "mills" - these sprawling ice wells hollowed out by the water and sometimes up to 200 metres deep - even in the midst of polar storms. Yet while the data gathered shows evidence of an alarming scenario, are the powers that be ready to act? Into the Ice sets off to discover these ice masses which, when studied, can reveal to us the secrets of the not-so distant future, when the face of the Earth will be decidedly different.

Debate Being a scientist; pleasure or pressure?

Film director and writer: Lars Ostenfeld (online) Expert: tba Moderator: tba



LARS OSTENFELD

(Director & Writer) Ostenfeld is founder of the SoMe Science Academy, and an experienced producer and director of science and nature television series, including Wild, Wonderful Denmark (2020). He has developed award-winning live events for Danish Broadcasting Corporation including Live from Nature (2015). Into the Ice is his first feature.

Zurich (Filmpodium Cinema), Saturday 1 April, 14:00

BIODIVERSITY OR EXTINCTION: MANKIND'S GREATEST CHALLENGE

GENRE: Documentary COUNTRIES: Tanzania, Brazil, China YEAR: 2021 LENGTH: 91 min LANGUAGES: German

SUBTITLES: English



Trailer https://vimeo.com/795563238

Story

"Biodiversity or Extinction. Mankind's Greatest Challenge" delves deep into the devastating impact of human civilization on the planet's biodiversity. From the destruction of the Amazon rainforest to the poaching of Africa's rhinoceros, we bear witness to the tragic consequences of our actions. But amidst the despair, there is also hope. From the valiant efforts of work of Sebastião Salgado's Instituto terra to replant the Mata Atlantica to the pioneering work of conservationists working to save the pink dolphin in the Amazon and researchers reforesting the seabed with coral fragments, we see that it's not too late to take action. Join us on a journey of discovery as we explore the urgent need to protect the planet's fragile ecosystems, before it's too late.

Debate

Zurich

Biodiversity or extinction?

Film director and writer: **Lourdes Picareta** Expert: tba Moderator: tba



LOURDES PICARETA

(Director and Writer) Picareta was born in a picturesque village nestled in the lush landscape of southern Portugal, nature has always played a central role in my life. From my early childhood spent exploring the wilds of the countryside, to my later studies in Germany, my passion for the natural world has been a constant driving force. As a journalist, I have traveled the globe, reporting on a wide range of environmental issues for German television and Arte. But now, as a mother of two boys, I am driven by a sense of urgency to do more. Through my films, I aim to bring attention to the pressing need to save our planet and inspire audiences to take action in their own lives.

5th Global Science Film Festival FULL-LENGTH FILMS

Zurich (Filmpodium Cinema), Saturday 1 April, 19:30

Lugano (Cinema Lux Art House), Sunday 2 April, 14:00

CINEMA SABAYA

GENRE: Drama COUNTRIES: Israel, Belgium YEAR: 2021 LENGTH: 92 min LANGUAGES: Hebrew, Arabic SUBTITLES: English



Story

A group of Arab and Jewish women attend a video workshop at a small town community centre run by Rona, a young filmmaker from Tel Aviv, who teaches them to document their lives. As each student shares footage from her home life with the others, their beliefs and preconceptions are challenged and barriers are broken down. The group comes together as mothers, daughters, wives, and women living in a world designed to keep them apart, forming an empowering and lasting bond as they learn more about each other... and themselves. Inspired by writer/director Orit Fouks Rotem's own experiences as a teacher, Cinema Sabaya presents a deft and heartfelt portrait of art's capacity to unite disparate communities, moving effortlessly between the gravity of their conversations and the genuine joy generated by this unlikely group of friends. Winner of five Ophir Awards including Best Picture and Best Director and Israel's Official Submission to the 95th Academy Awards.

Debate

Filmmaking as a tool for social sciences

Zurich Film director and writer: Orit Fouks Rotem (Director and Writer) Expert: tba Moderator: tba

Lugano Film director and writer: **Orit Fouks Rotem** (Director and Writer) Expert: tba Moderator: tba



ORIT FOUKS ROTEM (Director & Writer) Rotem graduated from Sam Spiegel film School with honors, winning her class' 'Promising Director' Award. Her diploma film "Staring Match" was screened in festivals all over the world, including: San Sebastian, Montreal, and won the Grand Prix at Hangzhao, Best Screenplay at Tel Aviv Student FF, and Honorable Mention at the Jerusalem FF. After graduating, Rotem co-directed a documentary series and 2 short films: "you remain silent" – a part of the project "voice over" which is currently on screens at cinemas. And "Veil" 20 min fic film. "Cinema Sabaya" is Israbel's excellent Oscar Submission.

5th Global Science Film Festival FULL-LENGTH FILMS

Zurich (Filmpodium Cinema), Sunday 2 April, 11:00

Lugano (Cinema Lux Art House), Sunday 2 April, 11:00

THE SEEDS OF VANDANA SHIVA

GENRE: Documentary COUNTRIES: India, USA, Canada, Australia, Switzerland YEAR: 2021 LENGTH: 81 min LANGUAGES: English SUBTITLES: German



Trailer https://www.youtube.com/watch?v=YEqTo8IDivs

The Seeds of Vandana Shiva tells the remarkable life story of Story Gandhian eco-activist Dr. Vandana Shiva, how she stood up to the corporate Goliaths of industrial agriculture, rose to prominence in the seed saving and organic food movements, and is inspiring an international crusade for change. Vandana Shiva brought her scientific expertise and Gandhian principles of nonviolent resistance to the struggles of Indian villagers whose livelihoods were being crushed by corporate capitalism. She has become a formidable opponent to those corporations whose drive for privatization and profit are destroying the environment and changing the climate. Their predations in the name of a 'green revolution' with its promises of wealth and freedom and 'feeding the world' through patented and chemically-dependent GMO seeds are reducing traditional farmers and entire communities to inescapable servitude. In India, the fruits of the Green Revolution have been an epidemic of rural suicides.

Socioeconomic and cultural implications of GMO

Zurich Film protagonist: Vandana Shiva (online) Expert: tba Moderator: tba

Debate

Lugano Film protagonist: Vandana Shiva (online) Expert: tba Moderator: Prof. Dr. Christoph Kueffer



VANDANA SHIVA

(Film protagonist) Shiva is a world-renowned environmental thinker, activist, feminist, philosopher of science, writer and science policy advocate. She is the founder of Navdanya Research Foundation for Science, **Technology and Ecology in** India. She has a PhD in physics from the University of Western Ontario. She later shifted to inter-disciplinary research in science, technology and environmental policy, which she carried out at the Indian Institute of Science and the Indian Institute of Management in Bangalore, India. In 1982 she founded the **Research Foundation for** Science, Technology and Ecology (RFSTE), and two years later, Navdanya ('nine seeds') the movement in defense of biodiversity and the contributions made to the climate, environment and society by small farmers. The recipient of many awards, including the Right Livelihood Award, (the 'Alternative Nobel Prize') and the Sydney Peace Prize, she has been named among the top five "Most Important People in Asia" by AsiaWeek and an "Environmental hero" by Time Magazine. 18

Zurich (Filmpodium Cinema), Sunday 2 April, 14:00

CARBON: THE UNAUTHORIZED BIOGRAPHY

GENRE: Documentary COUNTRIES: Australia, Canada, France YEAR: 2022 LENGTH: 89 min LANGUAGES: English



Trailer https://www.youtube.com/watch?v=2bdcFv9IcHs

DANIELLA ORTEGA (Director & Writer) Ortega is an award-winning documentary filmmaker and screen professional dedicated to excellence in storytelling and communicating complex concepts in innovative ways. Daniella is the originator, Writer and Co-Director of Carbon: the

Director of Carbon: the unauthorized biography, an unconventional documentary project responding to the climate emergency we are living in.



NIOBE THOMPSON

(Director & Writer) Sundance winner and double Emmy-nominated anthropologist-filmmaker Thompson's documentaries reach back to our human origins, explore the mysteries of evolution, and tackle the environmental dilemmas of the Anthropocene. Thompson's next documentary will explore the revolution in ancient DNA science for Tangled Bank Studios.

Story

With Carbon in the news every day, you might think you know everything about her. But you'd be wrong. This spectacular and surprisingly unorthodox documentary reveals the paradoxical story of the element that builds all life, and yet may end it all. Narrated in first person by Sarah Snook (Succession), Carbon tells of her birth in the violent core of an exploding star and of turbulent sagas through the fabric of our evolving Earth. Accompanied by celebrated scientists, unique animations and a stunning orchestral score, Carbon reminds us of our humble participation in the most extraordinary story in the universe.

Debate

Carbon: Our life around her

Zurich Film director and writer: Daniella Ortega Expert: tba Moderator: tba

5th Global Science Film Festival FULL-LENGTH FILMS

Zurich (Filmpodium Cinema), Sunday 2 April, 19:20

Lugano (Cinema Lux Art House), Sunday 2 April, 19:20

ALL THAT BREATHES

GENRE: Documentary COUNTRIES: India, USA, UK YEAR: 2022 LENGTH: 91 min LANGUAGES: Hindi SUBTITLES: English



Trailer https://www.youtube.com/watch?v=4D9T_vcRy8A

In one of the world's most populated cities, cows, rats, monkeys, frogs, and hogs jostle cheek-by-jowl with people. Here, two brothers fall in love with a bird - the black kite. From their makeshift bird hospital in their tiny basement, the "kite brothers" care for thousands of these mesmeric creatures that drop daily from New Delhi's smog-choked skies. As environmental toxicity and civil unrest escalate, the relationship between this Muslim family and the neglected kite forms a poetic chronicle of the city's collapsing ecology and rising social tensions.

All That Breathes is the first film to win the Best Documentary prizes at both Sundance and Cannes, and it is nominated for 95th Academy Awards (Oscar).

Debate

Story

Ecosystem Interconnectedness

Zurich Film protagonist: Nadeem Shehzad Expert: tba Moderator: tba

Lugano Film protagonist: Saud Mohammad Expert: tba Moderator: tba



SAUD MOHAMMAD &

NADEEM SHEHZAD

(Film protagonists) Former bodybuilders from the Chawri Bazar area of New Delhi, the two brothers started treating black kites in 2003. Since then, they have together treated more than 20,000 injured birds. Nadeem and Saud continue to work tirelessly to treat black kites and other birds of prey. They are on board of two nongovernmental organizations dealing with the rehabilitation of wildlife in India and the US. The main focus of these organizations is to conduct research in veterinary science to deal with wounds and diseases which are seen in the avian population in India. www.raptorrescue.org



SHORT FILMS PROFESSIONAL

Basel (Cinema Pathe Küchlin), Friday 31 March, 11:30 Simultaneous screenings with Swissnex China, India and Japan AUTOSAURUS REX

GENRE: Animation **COUNTRIES: Switzerland** YEAR: 2022 LENGTH: 6 min LANGUAGES: French with English subtitles



Story

Among the different species that inhabit our planet, one stands out from the others by its power and its impact on ecosystems. It is the Autosaurus Rex.

Basel (Cinema Pathe Küchlin), Friday 31 March, 11:30 Simultaneous screenings with Swissnex China, India and Japan **CaSSIS. MARS DEMYSTIFIED. DEVILS GENRE:** Animation **COUNTRIES: Switzerland**

YEAR: 2022 LANGUAGES: English LENGTH: 7 min



CaSSIS is a high-resolution color stereo camera in Mars orbit and is making remarkable images of the Red planet. What mysteries has it revealed today? Who left these dark curly tracks on Mars? Are there giant worms or devils? Together with Detective Nick and CaSSIS camera we will demystify the mysteries of Red Planet.



DIRECTOR

Marcel Barelli is an animation filmmaker. He attended the Haute école d'art et de design - Genève, cinema department. He develops all his projects around animals and nature. His short films have been selected in hundreds of international film festivals and won numerous awards around the world.



DIRECTOR

Tatiana Keller (Drozhzhova) is a space scientist and film director. She has a PhD degree in physics and graduated from **Cinematography University** (VGIK). She was working in Nicolas Thomas research group in Bern University when she got an idea to make an outreach series about CaSSIS - Martian orbit camera, and the mysteries of Mars.

Basel (Cinema Pathe Küchlin), Friday 31 March, 16:30 Zurich (Filmpodium Cinema), Sunday 2 April, 16:30 THE BEAUTIFUL BRAIN

GENRE: Documentary COUNTRIES: Switzerland, Italy YEAR: 2022 LENGTH: 9 min LANGUAGES: English with German subtitles



Story

"The Beautiful Brain" is a documentary web series that breaks down borders between neuroscience and art. Five episodes retrace in a simple, but visually effective way, five key steps of brain development using awe-inspiring masterpieces of art as analogies.



DIRECTOR

Lorenzo Gesuita is a scientist by trade and a storyteller by vocation, with a long experience as art director and producer of theatrical shows. He obtained his M.Sc. in biology from the University of Milano Bicocca and his Ph.D. in neuroscience from the University of Zurich. "The Beautiful Brain" is his first documentary.

Zurich (Filmpodium Cinema), Saturday 1 April, 14:00 VERHEBETS? A RESOURCE-ORIENTED APÉRO GENRE: Animation COUNTRIES: Switzerland

YEAR: 2022 LENGTH: 4 min LANGUAGES: Swiss German with English subtitles



Story

What does sustainable neighbourhood planning, a urine fertiliser and a traditional Swiss Apéro have in common? Find out in a short interand transdisciplinary film on the potential of resource-oriented urban water management.

DIRECTORS

Carina Doll. Sabine Hoffmann and Lisa Deutsch are researchers and former leaders of the inter- and transdisciplinary research program Wings and Water Hub at Eawag. They work at the interface of different disciplines, above all social sciences and engineering, and also aim to integrate knowledge across science, policy and practice to create a more holistic understanding and robust solutions to current sustainability challenges.

Zurich (Filmpodium Cinema), Saturday 1 April, 16:30 THE CUMBRE VIEJA ERUPTION, LA PALMA

GENRE: Documentary COUNTRIES: Spain, Switzerland YEAR: 2022 LENGTH: 6 min LANGUAGES: English with French subtitles



Story

This short documentary follows a team of volcanologists from the University of Geneva as they head to the 2021 Cumbre Vieja Eruption on the Island of La Palma, Spain. The scientists explain how investigating the mineral and glass content of the fossil and current lava will offer better insight into how eruptions of this type evolve.



DIRECTOR

Giovan Peyrotty is a filmmaker and researcher in geosciences. His various scientific projects led him to travel around the world and It is through his fieldwork experiences that he found the inspiration to produce scientific documentaries.

Zurich (Filmpodium Cinema), Saturday 1 April, 19:30 CIRCULAR AND DIGITAL LEARNING

GENRE: Documentary COUNTRIES: Switzerland YEAR: 2023 LENGTH: 6 min LANGUAGES: English and German with English subtitles



Story

How can we bring together two worlds that are often too distinct: low-impact construction and digital innovation? Exploring digital technologies, students learn about circular construction (e.g., reuse) hands-on through the disassembly of an entire building to the fabrication of a new one solely with the reused materials.



DIRECTOR

Catherine De Wolf is a professor at the ETH. She is a time-traveler of the built environment who believes creativity lies in the art of connecting – connecting the future with the past through the reuse of buildings and their materials & connecting science with society through film and other digital technologies.

5th Global Science Film Festival

Lugano (Cinema Lux Art House), Sunday 2 April, 11:00 ITZAN GENRE: Animation COUNTRIES: Switzerland, UK, Canada YEAR: 2022 LENGTH: 9 min LANGUAGES: English



Story

The artwork is composed of a computer-generated environment which visually expresses the responses by the ancient Maya population to climate change based on real geochemical data from a lake adjacent to the archaeological site of Itzan – provoking viewers to imagine distant timescales and complex patterns of human and non-human activity.



DIRECTOR

Benjamin Keenan is an interdisciplinary biogeochemist interested in using insights from the past to inform responses to contemporary issues, such as anthropogenic climate change.

Lugano (Cinema Lux Art House), Sunday 2 April, 14:00 MOLES

GENRE: Drama COUNTRIES: Switzerland YEAR: 2021 LENGTH: 15 min LANGUAGES: Italian with English subtitles



Story

Anna, Francesco, and the eight years old Giorgio can't afford a fancy holiday. Social pressure makes them fake a Bahamas vacation through photoshopped posts on social media. The deluge of likes/comments fuel an all-consuming dopamine rush.



DIRECTOR

Vanja Victor Kabir Tognola after being exposed to high doses of film and TV, he falls in love with the cinematic language. Being an idiom intuitive to understand, but quite hard to speak, in 2016 he decides to study Film to improve his fluency, getting in 2021 the Bachelor of Arts in Film at the ZHdK. 25

SCIENTISTS-AS-FILMAAKERS SHORT FILMS MADE BY SWISS SCIENTISTS Online screening 20-30 March Inema screening on 31 March - 2 April

5th Global Science Film Festival SCIENTISTS-AS-FILM-MAKERS

ONE TABLE 50 YEARS SWITZERLAND, 2022, 3 min, No dialogue Zurich (Filmpodium Cinema), Saturday 1 April, 11:00



Story

In this movie, we travel through time and visit festive food and beverage trends of the past 50 years. It does not impose norms, but rather leaves the audience with individual points of connection that trigger food for thought.

PACK-BODY: A GAME OF MOBILITY SWITZERLAND, 2022, 3 min, English Zurich (Filmpodium Cinema), Saturday 1 April, 14:00



Story

There are too many factors at play for people to have a successful mobility experience. Some of these are quite random, like in a video-game. Pack Body pictures the story of a successful and unsuccessful attempt at moving cross-borders.

WHAT GOES AROUND SWITZERLAND, 2022, 2 min, English Zurich (Filmpodium Cinema), Saturday 1 April, 16:30



Story

From zero to hero, or from shit to pasta. Circularity can render food systems more environmentally friendly while producing sufficient healthy food. However, thinking out of the box of the current system, considering radical changes are needed to come to circular redesigns.

SCIENTISTS-AS-FILMMAKERS

Pia Seimetz University of St. Gallen

Claudine Brändle University of Zurich Tobias Hobmaier University of Ludvig-Maximilians in Munich Geena Gasser Filmmaker

SCIENTISTS-AS-FILMMAKERS

Eda Elif Tibet University of Bern Eleonora Dallorto University of Turin Sarah Hartmann University of Bern Laura Kmoch University of Kassel Zeynep Köylü University of Basel Sandra La Rota University of Antwerp

SCIENTISTS-AS-FILMMAKERS

Flavian Tschurr ETH Zurich Marieke Behlen University of Ludvig-Maximilians in Munich Laura Schütz de Rivera FiBL Mina Stanikic University of Zurich Albert Blanch Filmmaker

5th Global Science Film Festival SCIENTISTS-AS-FILM-MAKERS

SEWING SOULS SWITZERLAND, 2022, 4 min, No dialogue Zurich (Filmpodium Cinema), Saturday 1 April, 19:30



Story

In communities where people have experienced man-made trauma, silence about the trauma and mistrust is high, while the culture of sharing their trauma is low. Despite some beliefs that marriage should heal, this can lead to family problems.

50 SHADES OF GREEN SWITZERLAND, 2022, 4 min, English Zurich (Filmpodium Cinema), Sunday 2 April, 11:00



Story

The plants that inhibit our planet are immensely diverse. They collaborate, interact with their environment and face challenges in their own unique way. Here we show some examples of how the fauna works and why we should appreciate and protect it more.

THE SCIENCE OF FULFILLMENT IN LIFE SWITZERLAND, 2022, 3 min, En Basel (Cinema Pathe Küchlin), Friday 31 March, 19:30 Zurich (Filmpodium Cinema), Sunday 2 April, 14:00



Story

People not only want to live a long life, but also to live a meaningful life at any age. This explanatory film reveals what scientists have found out about a fulfilled life.

SCIENTISTS-AS-FILMMAKERS

Célestin Mutuyimana University of Zurich Nataliya Borys University of Geneve Yinyin Ma ETH & EAWAG Surangika Jayarathne University of Bern Yumo Cheng Filmmaker Eda Elif Tibet University of Bern

SCIENTISTS-AS-FILMMAKERS

Julia Joswig University of Zurich Roya Afshari University of Basel Ilaria Ghia University of Turin Daniela Campanini University of Zurich Lara Pretz Zurich University of the Arts

SCIENTISTS-AS-FILMMAKERS

Katrina Obas Swiss Tropical and Public Health Institute Sarah Luo Zurich University of the Arts Doris Baumann University of Zurich

5th Global Science Film Festival SCIENTISTS-AS-FILM-MAKERS

TWENTY WORDS SWITZERLAND, 2022, 2 min, English Zurich (Filmpodium Cinema), Sunday 2 April, 19:20



Story

Many animals like birds have only a very limited repertoire of calls to express themselves, what if we humans would have to reduce ours to twenty words?

UNCOVERING THE UNKNOWN SWITZERLAND, 2022, 5 min, English Zurich (Filmpodium Cinema), Sunday 2 April, 19:20



Story

Equipped with the newest technologies, a scientist solves a mysterious appearance in the forests of Graubünden (Switzerland). Uncovering the Unknown is a film about new biodiversity monitoring methods and how the combined efforts of passionate researchers can help us to better understand the (bio)diversity of our planet.

SCIENTISTS-AS-FILMMAKERS

Bastien Ruols University of Lausanne Duriya Charykphan University of Zurich Maurizio Grassano University of Turin Lisa Groenner University of Zurich Silvan Spiess University of Zurich Halil Kesselring Filmmaker

SCIENTISTS-AS-FILMMAKERS

Emanuele Aucone ETH Zurich & WSL Niklas Frost Ludvig-Maximilians-Universität München Luca Girardi ETH Zürich & WSL Tatiana Keller-Drozhzhova University of Bern Flurin Leugger ETH Zurich & WSL Gian Marco Palamara EAWAG

JURY FULL-LENGTH FILMS SHORT FILMS SCIENTISTS-AS-FILMMAKERS

5th Global Science Film Festival

FEATURE-LENGTH FILM



GAETANO CAPIZZI

Capizzi graduated in Critique and History of Cinema. He works in the cinema field as a critic and organizer of cultural events and film festivals. He is the Founder and Director of Cinemambiente Environmental Film Festival in Torino, Italy. Capizzi is also the Founder & General Coordinator of the Green Film Network.



GIAN-ANDRI CASUTT

As head of communication Casutt is responsible for the internal and external corporate communication of the Board of the Swiss Federal Institutes of Technology ETH Board and coordinates the political communication of the ETH Domain with its Federal Institutes of Technology ETH Zurich and EPFL and the four research institutes PSI, Empa, WSL and Eawag. He is an expert in strategic science communication and since 2021 president of the EUPRIO.



CHRISTIAN FREI

Frei is a renowned international filmmaker and film producer. He is an associate lecturer on Reflection Competence at the University of St. Gallen. He was president of the Documentary Film Commission for the film section of the Swiss Federal Office of Culture. The Oscar-nominated filmmaker is the president of the Swiss Film Academy since August 2010. In 2021 the University of St. Gallen awarded Frei an honorary doctorate of social sciences.



JOSEFA HAAS

Haas is Head of Communications at swissuniversities. She served for many years as President of SWISS FILMS. Today, she is active in the film sector among other things as a member of the Academy for the Swiss Film Prize and as a member of the Board of Directors of the Locarno Film Festival.



GABRIELLA KARGER

Karger is a fourth generation publisher and Chair of the Board of Directors of Karger Publishers, a global publisher for scientific and medical content based in Basel. The publishing program comprises over 110 specialist journals in over 30 specialist areas as well as content for patients and medical professionals. Due to many trips around the globe, she has a large network in the scientific world and insights into exciting new developments in the industry.



GABRIELA SCHAEPMAN-STRUB

Schaepman-Strub is professor of Earth System Science at the University of Zurich and Scientific Director of the Swiss Polar Institute. She is regularly out in the Siberian Arctic for fieldwork. Her research focuses on global change drivers and their interaction with Arctic biodiversity, ecosystem functions, and people.

SHORT FILM



HENRIETTE BORNKAMM

Bornkamm is an award-winning documentary filmmaker and a film scholar. Her documentary *"When you are gone, I'll still be there",* is critically acclaimed at film festivals worldwide. She is currently employed for the Swiss television programs called "Sternstunde Philosophie" and "Sternstunde Religion"



SIMONE BUCHER VAN LIGTEN

Bucher van Ligten works at ETH Zurich's Office of the President, where she curates science exhibitions in cooperation with artists and designers. She teaches storytelling to scientists and has travelled the world for over two decades for Swiss national TV SRF, where she produced award-winning reports and documentaries.



MARKUS STEIN

Stein is head of the Video & TV Department at the NZZ. He is responsible for the video team's web explainer and the documentary show NZZFormat. As a former ZDF graphics editor and trained designer, he has a particularly high level of expertise in the field of visual explanatory graphics. With his teams, he produces videos and documentaries from almost all subject areas.



ISABELLA SEDIVY

Sedivy worked for the WSL 3 years. She then worked at the Swiss national TV SRF for producing nature documentaries for the Swiss program called "Netz Natur" and she directed the program "Mission B". Since 2021 she has her own company, called "Plan Biodivers".



KATHARINA WEIKL

Weikl is Deputy Head of the Graduate Campus, a cross-faculty platform for the promotion of junior researchers, interdisciplinary exchange and public outreach at the University of Zurich. As a curator, film maker and science communicator Katharina is focused on promoting the dialogue between art and science.

SCIENTISTS-AS-FILMMAKERS



SILVIE CUPERUS

Cuperus is head of Life Science Zurich and responsible for Communication & Events. She supports researchers in science communication and realizes outreach activities. She collaborates with various partners at the intersection of science and society to bring scientific findings to the public. Cuperus holds a PhD in Food Science from ETH.



CLAUDIA HEGGLIN

Hegglin studied Sociology, Political & Environmental Sciences at University of Zurich and worked several years in the field environmental education. She teaches courses in the domain of sustainability, is coordinating the study program "Environmental Sciences" and is helping to set up a new study program "Biodiversity" at UZH.



ISABEL KLUSMAN

Klusman is a neuroscientist by training. For 25 years she has focused on science communication, organizing science slams, panel discussions and exhibitions with scientific content for an interested lay audience. Since 2017 she has been the head of the Zoological Museum of the University of Zurich. She is passionate about communicating scientific content to a lay public and is open for new ways to promote the dialogue between scientist and the public.

GLOBAI SCIENCE FILM FESTI Spring edition 31.3.-2.4. 2023 RECONNECTING SCIENCE &

AWARD CEREMONY SRF'EINSTEIN'



«Einstein» is a science program on Swiss television SRF 1. It was named after the Swiss physicist and Nobel Prize winner Albert Einstein. «Einstein» is an in-house production of Swiss Radio and Television (SRF). Its goal is to inform, educate as well as to entertain the public with fascinating stories from all the areas of science.

«Einstein» started in April 2007 and has since been broadcast every Thursday at 9pm. With its popular approach to science, «Einstein» has managed to establish itself as one of the few science programmes within Europe that is broadcast during TV prime time and therefore reaches a big audience within Switzerland.

Its goal is both to bring science closer to the general public and to give the audience scientific insights with regard to relevant and newsworthy topics.

The 36-minute programme is hosted by Kathrin Hönegger and Tobias Müller.

5th Global Science Film Festival



The award ceremony takes place simultaneously in Zurich and Lugano on Sunday (2 April) at 19:20. The ceremony is presided over by Prof. Dr. **Elisabeth Stark** (Vice President Research, University of Zurich).

Moderator: Dr. Juanita Schlaepfer-Miller (ETH Zurich)

WALKING IBEX (GIACOMETTI'S IBEX)

The winning films in each category are awarded with a "Walking Ibex" award.

The "Walking Ibex" imitates Alberto Giacometti's style in the iconic sculpture "L'Homme qui marche I (The Walking Man I)".

The awards are

- •Grand Prix, best full-length film 2023
- •Best director, full-length film 2023
- •Best short film 2023
- •Best scientist-as-filmmakers 2023

•The Academy award for "Science Communication 2023"

The Swiss Science Film Academy award for SCIENCE COMMUNICATION 2023 goes to the team of the program SRF 'Einstein'.



SIDE EVENTS WORKSHOPS MARATHONS

5th Global Science Film Festival SCIENCE MARATHONS HELD BY THE SCIENCE FILM ACADEMY

6th SCIENCE FILMMAKING MARATHON



Forty-five scientists and filmmakers from eight Swiss universities and research centers participated in the 6th Science Filmmaking Marathon. At Franklin University seven students are participating in a class titled Screening Sustainability that is dedicated to the intersection of filmmaking in the area of sustainability and science communication. Together with 12 professional filmmakers, the participants in these various classes produced 17 short films for the wide public, which will be shown at the different venues of the 5th Global Science Film Festival. In this edition of the festival we also hosted external guests: three PhD students from the University of Torino, one PhD student from the University of Antwerp and four master students from the University of Munich.

Organizers

University of Zurich (Graduate Campus), ETH Zurich, Eawag, WSL, Life Science Zurich, Karger Publishers, Swissnex India, Franklin University Switzerland.



5th Global Science Film Festival WORKSHOPS HELD BY THE SCIENCE FILM ACADEMY

Storytelling & Storyboarding Science at the Locarno Film Festival



For the fifth year running, and in collaboration with the Locarno Film Festival we gave a 4-day workshop for 14 scientists from the University of Basel, University of Zurich and the ETH.

Organizers

University of Basel (GRACE), SCNAT, University of Zurich & ETH Zurich (Life Science Zurich)

Storytelling & Storyboarding Science at the Zurich Film Festival



For the third year running we gave a 3-day workshop for 10 scientists from the University of Zurich and the ETH Zurich

Organizers

University of Zurich & ETH Zurich (Life Science Zurich)



Science Events Planning and Management

The organizers of the Global Science Film Festival are 26 PhD and bachelor students from the University of Zurich, ETH Zurich, the University of Basel and Franklin University Switzerland. We train them in event organization and management in a 2-day workshop, and a class in Lugano.

Organizers

University of Zurich, ETH Zurich (Life Science Zurich), University of Basel, Franklin University Switzerland University



Filmmaking & Video-Journalism for Scientists

We gave seven workshops for 91 scientists from all Swiss universities and research centers all over Switzerland.

Organizers

Universities of Geneva, Lausanne, Fribourg & Neuchatel (CUSO), University of Basel (GRACE), ETH Zurich, Bern University, and University of Applied Sciences Northwestern Switzerland (FHNW)

Organization Committee

Samer Angelone (Swiss Science Film Academy) Silvie Cuperus (Life Science Zurich) Elettra Fiumi (Franklin University Switzerland) Vincenzo Ribi (Bernet Relations AG) Susan Thieme (University of Bern) Katharina Weikl (University of Zurich) Caroline Wiedmer (Franklin University Switzerland) Mirko Winkel (University of Bern)

Swissnex

Ghose Indraneel (Swissnex India) Fiammetta Pennisi (Swissnex Japan) Lena Robra (Swissnex India) Philippe Roesle (Swissnex China) Cissy Yiwen Sun (Swissnex China)

Moderators

Henriette Bornkamm (SRF) Marc Creus (University of Basel) Judith Hochstrasser (Horizons SNSF) Christoph Kueffer (ETH Zurich) Vincenzo Ribi (Bernet Relations AG) Juanita Schlaepfer-Miller (ETH Zurich) Susan Thieme (University of Bern) Caroline Wiedmer (Franklin University)

Team

University of Zurich and ETH Zurich

Cengiz Akandil, Samer Angelone, Doris Baumann, Linda Frei, Halil Kesselring, Thais Guillen Otero, Sharma Kavita, Matilde Mantovani, Hoda Mazaheri, Michel Nakano, Matilde Mantovani, Hoda Mazaheri, Florence Steiner, Sylvia Winkelmann-Ackermann, Polina Zaytseva

Team University of Basel Tba.

Team Franklin University Switzerland

Megan Brady, Cooper Clark, Jenna Jordan, Gianessa Karamanolis, Hannah Rose, Sophie Yardas

5th Global Science Film Festival LOCATION IN ZURICH: Filmpodium Cinema



Filmpodium Cinema at Nüschelerstrasse 11

is located between the Kaufleuten club and Paradeplatz. It is easily accessible by tram 2/9 Sihlstrasse, 2/6/7/8/9/11/13 Paradeplatz, 6/7/11/13 Rennweg and a 10 minute walk from the central train station (Zurich HB) www.filmpodium.ch

TICKETS

Tickets will be available soon.

LOCATION IN BASEL: Cinema Pathe Küchlin

Cinema Pathé Küchlin at Steinenvorstadt 55 is located in the Oldtown of Basel Is easily accessible: By tram – Station: "Theater / Heuwaage" or "Barfüsserplatz" By car - Parking: Parkhäuser "Elisabethen" and "Steinen" (5 minutes distance). www.pathe.ch Tickets will be available soon.



ACCREDITATIONS

Applications for accreditation is accepted online

•Science journalists, film journalists, and representative of the film industry are eligible to apply for accreditations

•The Swiss Science Film Academy gives 400 accreditations (free entries to all films) to scientists 40 from all Swiss universities and research institutes (first come, first serve)

5th Global Science Film Festival LOCATION IN LUGANO: Cinema Lux Art House



Lux Art House Cinema at Via Giuseppe Motta

67, in 6900 Massagno. A municipality directly adjacent to the city of Lugano.

The cinema is a 15-minute walk from the main train station in Lugano and a 10-minute ride with bus 4 from the main train station, and busses 442,443 and 445 from Lugano Stazione Nord.

https://www.luxarthouse.ch/

TICKETS

Tickets will be available soon.

LOCATION IN CHINA, INDIA AND JAPAN

SWISSNEX CHINA

SHANGHAI 2210, Building A, No.319, Xianxia Road, Changning District, Shanghai

SWISSNEX JAPAN OSAKA

Cinemart Shinsaibashi Chuo Ward, Nishishinsaibashi, 1-6-14, Shinsaibashi Big Step 4F, 542-0086 Osaka

SWISSNEX INDIA NEW DELHI

Swiss Residence Embassy of Switzerland, New Delhi

BANGALORE

Swissnex event space Resthouse crescent road No 26, 560001 Bangalore

MUMBAI Swiss Residence Mumbai

ACCREDITATIONS

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•The Swiss Science Film Academy gives 400 accreditations (free entries to all films) to scientists 41 from all Swiss universities and research institutes (first come, first serve)

Save the date

Global Science Film Festival Autumn Edition 28-29 October 2023 Bern, Cinema Rex

Main Partners





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