

#CAMP4SCIENCE 2018

GUIDE

APRIL 23-28 | OLOMOUC | CZ

• Visegrad Fund
• •

czech
film
fund

WELCOME

HANKA, ARINA, CHRISTINE,
GREGOR, ÉRIC, ELENA,
GABRIEL, INNA, ANNETTE,
NEAL, ELMAR, NICOLA,
PAULINE, MICHELANGELO,
ADRIENNE, VLADIMIR,
ONDŘEJ, BECHARA,
MILAN, LINDA, SERGIUSZ,
KAROL, MARIÁN, JAN,
MAREK, MONIKA, BALÁZS,
GERGELY, PÉTER, MÁRTON,
KATEŘINA, TINA, DOMINGO,
STEVE, INGEBJØRG, IREM,
EKATERINA, LISA

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- Visegrad Fund

Advancing ideas for sustainable regional cooperation in Central Europe

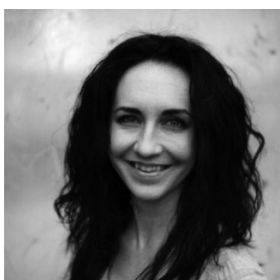


www.visegrad.fund

LETTERS ⁵ OF WELCOME



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Dear participants, tutors, observers and decision makers, welcome to the Camp 4Science 2018 workshop!

Once again we meet in Olomouc and once again to discuss, develop, analyse and help you develop your science documentary projects under professional supervision by our main programmer and international tutors. We focus on countries where science documentaries still tend to be imported, rather than developed. It seems as if science docs were a rare species of a nearly extinct animal. And that's what we are trying to change. Our aim is to encourage local productions, co-productions and general interest in science in an audiovisual form. We want to help filmmakers, from mainly Visegrad countries, be more competitive and have a better position on the world documentary market.

Our world, as well as the international film industry, is changing as we speak. New technologies bring new possibilities but also new hardships and a need for new business models. Old roles are disappearing, our experience with the emerging possibilities are fragmented and there are no more general or written formulas for filmmakers to follow. This is the reason why we place even more emphasis, each and every year, on mutual sharing of information and experience.

We value courage and curiosity, detailed work and creativity. We strive to create a supportive yet critical environment during the first days of the workshop in sessions called Group Work. This will be followed-up with sessions, master classes and case studies by the tutors (Christine Reisen, Hana Křepelková Rezková, Gabriel Turkieh, Annette Gourdon). We will have a final pitching of this year's projects called Science Films of the Future in Corpus Christi Chapel on Friday 27. All that and much more at Camp 4Science 2018!

We also want to thank to our main financial partners: International Visegrad Fund and State Cinematography Fund. Thank you for your support!



INTERNATIONAL
NATURE FILM
FESTIVAL
Gödöllő
Hungary

*The festival is one of
Central-Europe's most
prestigious nature and
documentary film festival.
The Festival is to help make
people aware of the sensitivity
of our planet and to help us
learn about the environment
that surrounds us.*

Let's be with us in next year!

www.godollofilmfest.com

Photo: Norbert P. Moraru

STAFF ⁷ & SPECIAL THANKS

The workshop Camp 4Science 2018 with its programme, tutors, producers and guests has been prepared once again this year with the ongoing and friendly support of our beloved tutor Christine Reisen, under programme supervision by Hana Křepelková Rezková.

We would also like to thank to our wonderful tutors: Gabriel Turkieh (Altomedia), Éric Éllena (French Connections Films) and newly also Elmar Bartlmae (Leonardo Film GmbH) and Annette Gourdon (ALISA Productions). We focused once again this year on projects from Visegrad countries, and thanks to our Visegrad partners with their continuous help and support, we managed to spread the information about Camp 4Science workshop to entirely new communities and professional contacts. Thanks to our partners, tutors, guests and staff, Camp 4Science is becoming bigger and better every year.

Our thanks go to our main financial partners:

Visegrad Fund
State Cinematography Fund

Partners of the project:

Barbara Török
International Nature Film Festival Gödöllő, Hungary
Lubomir Bilský, Patrícia Stanová, Zuzana Čepčíková
Slovak Centre of Scientific and Technical Information & Veda na dosah, Slovakia
Attila David Molnár
Filmjungle Productions, Hungary
Marta Czubajewska
Foundation for AGH, Poland



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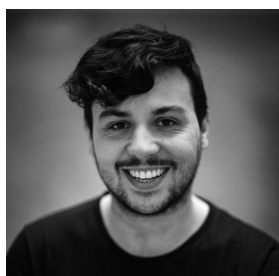
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Vedecko-popularizačný portál o slovenskej vede a technike
www.vedanadosah.sk



Jediný slovenský časopis prinášajúci informácie o najnovších poznatkoch
z rôznych oblastí vedy, techniky a moderných technológií
www.quark.sk



Stála interaktívna expozícia v Zážitkovom centre vedy Aurelium Vám ponúka možnosť oboznámiť sa s fyzikálnymi zákonitosťami a javmi z oblasti mechaniky, svetla, optiky, prírodných vied, chémie, matematiky a vlastností zvuku zábavným spôsobom tak, ako ich zo školy nepoznáte. ZCV Aurelium je miesto, kde sa prelína zábava s učením v duchu hesla Jana Amosa Komenského „Škola hrou“.

www.aurelium.sk

ABOUT ⁹ THE WORKSHOP



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Camp 4Science is the first international training and co-financing event focused on the development and funding of science documentary films primarily in Central Europe. Over the six day programme, participating directors and producers will discuss the subject, storytelling, graphic tools and visual style of their project. Participants will also learn about budgeting, determining the most suitable funding possibilities, festivals and sales. We are interested in creating a platform that would help directors and producers with their upcoming science documentary projects and films.

10 PROGRAMME

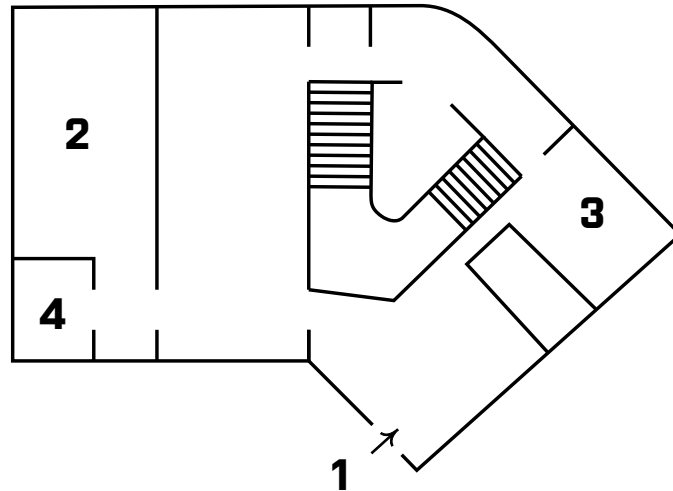
	MON 23/4/2018	TUE 24/4/2018	WED 25/4/2018
09:30-10:00	OPENING Vault 42	MATERPIECE TO GO all tutors Vault 42	CASE STUDY session by Anette Gourdon Vault 42
10:00-10:30	GROUP WORK Vault 42		
10:30-11:00			
11:00-11:30		Coffee break	Coffee break
11:30-12:00	Coffee break	WILDER THAN WILDERNESS case study by Marian Polák and Radim Procházka Vault 42	PITCH AS A THEARIC PERFORMANCE session by Gabriel Turkieh Vault 42
12:00-12:30	GROUP WORK Vault 42		
12:30-13:00			PITCHING ON CELLULAR LEVEL session by Hana Křepelková Rezková Vault 42
13:00-13:30	Lunch break	Lunch break	Lunch break
13:30-14:00			
14:00-14:30			
14:30-15:00	GROUP WORK Vault 42	ONE-ON-ONE MEETINGS Vault 42	ONE-ON-ONE MEETINGS Vault 42
15:00-15:30			
15:30-16:00	Coffee break		
16:00-16:30	GROUP WORK Vault 42	Coffee break	Coffee break
16:30-17:00			
17:00-17:30		ONE-ON-ONE MEETINGS Vault 42	ONE-ON-ONE MEETINGS Vault 42
17:30-18:00			
18:00-18:30			
18:30-19:00			
19:00-19:30	WELCOME DINNER Long Story Short		
19:30-20:00		WELCOME DRINK Guest Zone Konvikt	
20:00-20:30	BACKSTAGE PARTY Backstage		
20:30-21:00			
21:00-21:30			
21:30-22:00			
22:00-22:30			
22:30-23:00			
23:00-23:30			
23:30-00:00			

	THU 26/4/2018	FRI 27/4/2018	SAT 28/4/2018	
09:30-10:00	WHERE CREATIVITY MEETS THE SCIENCE session by Christine Reisen Vault 42	ONE-ON-ONE MEETINGS Konvikt	ONE-ON-ONE MEETINGS Konvikt	
10:00-10:30				
10:30-11:00				
11:00-11:30	Coffee break			
11:30-12:00	REHEARSAL / REWRITING Vault 42	Lunch break		
12:00-12:30				
12:30-13:00				
13:00-13:30	Lunch break	SCIENCE FILMS OF THE FUTURE presentations / pitching Konvikt Corpus Christi Chapel		
13:30-14:00				
14:00-14:30				
14:30-15:00	REHEARSAL / REWRITING Vault 42			
15:00-15:30				
15:30-16:00				
16:00-16:30	Coffee break	Coffee break		
16:30-17:00	REHEARSAL / REWRITING Vault 42			
17:00-17:30			ONE-ON-ONE MEETINGS Konvikt	
17:30-18:00				
18:00-18:30				
18:30-19:00				
19:00-19:30				
19:30-20:00				
20:00-20:30	CAMP 4SCIENCE NETWORKING + WINE TASTING Miss Sophie's			
20:30-21:00				
21:00-21:30	ALL TOGETHER PARTY Long Story Short	PARTY WITH GOAT Koza zůstala celá	RECEPTION CEREMONY Reduta	
21:30-22:00				
22:00-22:30				
22:30-23:00				
23:00-23:30				
23:30-00:00				

12 MAP

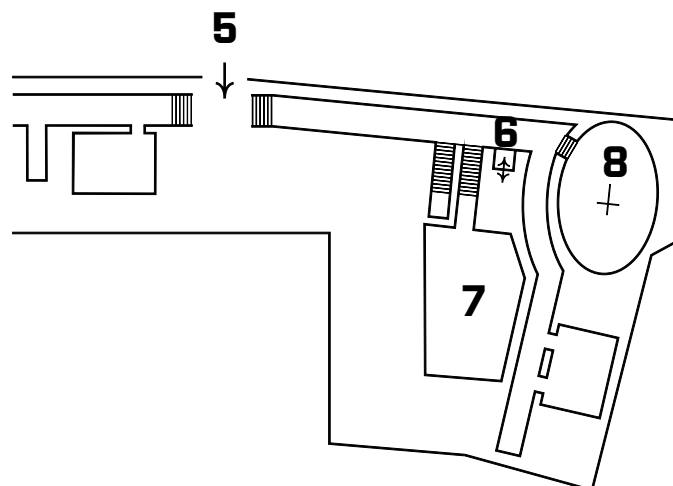
VAULT 42

- 1. Entrance
- 2. Camp 4Science Room
- 3. Bar
- 4. WC



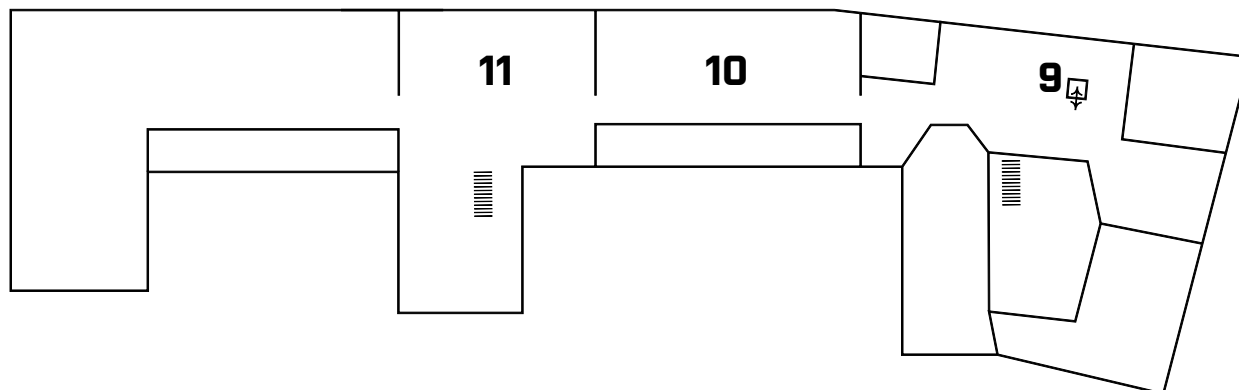
KONVIKT ground floor

- 5. Entrance
- 6. Elevator
- 7. Atrium
- 8. Corpus Christi Chapel



KONVIKT 3rd floor

- 9. Elevator
- 10. Guest Service
- 11. Backstage



SESSION ¹³ SCHEDULE

MONDAY | 23/4/2018

WELCOME & GROUP WORK

10 AM–6:30 PM | VAULT 42

The main objective of the Camp 4Science project is to create an international partner network of institutions popularizing science primarily through audio-visual means, including television and film productions, festivals, museums, and universities among others. We will begin the Camp 4Science workshop on Monday 23 by welcoming tutors, participants, observers and other visitors to Vault 42. The entire day after the opening will be dedicated to group work. Tutors will give advice to participants who submitted projects that were selected for this year's workshop after their project presentations.

14 **SESSION SCHEDULE**

TUESDAY | 24/4/2018

A MASTERPIECE TO GO

**SESSION BY ELMAR BARTLMAE, ANNETTE GOURDON,
ÉRIC ÉLLENA, GABRIEL TURKIEH**

09:30 AM–11:00 AM | VAULT 42

Unusual things happen, even more in film industry. All the more reason to get ready and learn fast. Camp 4Science's experienced producers and tutors will share in session Masterpiece to Go their micro case studies that are unusual, and for someone maybe even surprising, but they are definitely worth sharing with others. Anything that stands "out of the usual business", shows thinking out of the box or simply shows that creativity in the field of producing and financing of documentaries is now welcome more than ever. Get ready and learn from world class experienced tutors, producers and freelancers.

SESSION 15

SCHEDULE



TUESDAY | 24/4/2018

WILDER THAN WILDERNESS

CASE STUDY BY MARIÁN POLÁK, RADIM PROCHÁZKA

11:30 AM–01:00 PM | VAULT 42

Director Marian Polák and producer Radim Procházka will share their experience with development, production and distribution of the film that participated at Camp 4Science 2016. Two years ago, project Wilder than Wilderness was in a part of Camp 4Science 2016 main selection. Since then, project was finished and premiered. This year film Wilder than Wilderness was also selected for the main AFO competition for best Czech documentary.

RADIM PROCHÁZKA **Producer**

Prominent Czech film and TV producer. He is signed under 10 feature films, including 5 fictions, that received many Czech and international awards. The mysterious comedy Schmitke by Stepan Altrichter, filmed in co-production with Germany, premiered in Busan, won Best Debut at Cottbus IFF and 2 Czech Lions – main national film Award. He is member of European Film Academy and since 2012 he teaches at Prague's film school FAMU.

MARIÁN POLÁK **Director**

Marián is a director, cinematographer and producer, who has recently specialized in natural and scientific-popular documentary films. For the documentary Living the Better World, he received the FITES Trilobit Annual Award. As a cinematographer and producer, he has, for example, made a ten-part series of Stories of Curious Naturalists, or a co-production of Bats in the Dark or The World, with director Jan Hošek, for which they received the Grand Prix at the Life Sciences Film Festival.

SESSION SCHEDULE

WEDNESDAY | 25/4/2018

ANNETTE GOURDON: SCIENCE DOC CASE STUDY

CASE STUDY BY ANNETTE GOURDON

09:30 AM-11:00 AM | VAULT 42



Annette Gourdon, as a CEO of Alisa Productions, will share her experiences from science documentary filmmaking in her case study feature. As an professional and an expert on science docs, she will share her knowledge and advices with project participants and other tutors. You are more than welcome to come and participate in this session with your ideas and comments and learn from Annette Gourdon 's filmmaking and production experience.

ANNETTE GOURDON
CEO Alisa Productions

Annette Gourdon is a creator and CEO of Alisa Productions, a documentary film production & consulting company. Alisa Productions provide consultancy activities (especially research & search for funding). Annette is an expert for the European Creative Media Programme (documentaries) and is a part of several associations and other subject (e.g. Member of Association ScienTe & Television), Native French Member of European Documentary Network, Russian and German Member of French Society of the Multimedia Authors and English Member of International Public Television.

SESSION ¹⁷ SCHEDULE



WEDNESDAY | 25/4/2018

PITCHING AS A THEATRE ACT

SESSION BY GABRIEL TURKIEH

11:30 AM-12:30 PM | VAULT 42

We all can agree that each promising project deserves the best pitch possible. So what can the film professionals, experts and filmmakers learn from the world of theatre? The way one can inhabit the “stage”, radiate the right emotion, build a strong connection with the audience and make friends who will support the project with the trust and passion. All that in just ten minutes. Learn how to pitch and make the best project presentation of your life.

GABRIEL TURKIEH
CEO Altomedia

Gabriel is the director of ALTOMEDIA a production company since 1987, dealing mainly with science, society and music documentaries. Two films lately produced: *Dynamic salt* is about getting energy out of saltwater (Students Prize at Pariscience Festival 2016) and *Donkey tales* a film about the history of donkeys and their relation to human kind. We are actually producing a film about the discovery of a new genetic tool called CRISPR-Cas9, a revolution in the gene modification researches.

18 **SESSION SCHEDULE**

WEDNESDAY | 25/4/2018

PITCHING ON THE CELLULAR LEVEL

SESSION BY HANA KŘEPELKOVÁ REZKOVÁ

12:30 AM–13:00 PM | VAULT 42

Let's talk science: The best pitchers intuitively find the right way to talk to our brains – activate most of our brain areas and make the right doses of hormones come into the play. Based on the examples of participating projects, loglines and trailers, the session will show how certain presentation techniques, types of trailers or choice of words can make the audience become allies of our cause, all that on biological level.

HANA KŘEPELKOVÁ REZKOVÁ
Head of Programming at Camp 4Science

Hana Křepelková Rezková was an Executive Director of Neuron Fund for Support of Science and a Head of Studies at Camp 4Science. Hana is also a member of Artistic Board at Film Academy of Performing Arts. In the past, Hana was a Programme Director at the Institute of Documentary Film and Co-Head of Studies at CaucaDoc, programme for creative docs at South Caucasus. Hana managed NATO's Advanced Research Workshops and occasionally writes and lectures. Hana studied Film Studies in Prague, Paris and Berlin.



SESSION ¹⁹ SCHEDULE



THURSDAY | 26/4/2018

WHERE CREATIVITY MEETS THE SCIENCE

CASE STUDY BY CHRISTINE REISEN

09:30 AM-01:00 PM | VAULT 42

As a curator at Pariscience and former ARTE's commissioning editor, Christine Reisen will handpick some of the hundreds of films that go through her hands every year to show why and where specifically the "Creative Documentary" doesn't contradict the "Science Documentary". While challenging codes and formats, the audience will watch clips from films where the unique and in wide sense "creative" approaches meet the science documentary film production.

CHRISTINE REISEN
Freelancer & Consultant

After 21 years of commissioning, co-producing and programming documentaries with the French-German TV channel ARTE France, Christine left her position in the network in 2013 to become an independent consultant. Regularly invited member of selection committees, training workshops, pitching sessions, juries and panels, she is currently acting as the curator of the international science film festival PARISCIENCE, a mentor/expert/consultant for international producers and institutions and as a sophrologist.

20 **SESSION SCHEDULE**

FRIDAY | 27/4/2018

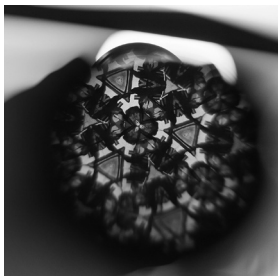
SCIENCE FILMS OF THE FUTURE

PITCHING

12:30 AM–04:00 PM | CORPUS CHRISTI CHAPEL, KONVIKT

Look into the future! Meet upcoming Central European films which are currently being developed and produced. Eight projects, represented by their directors and producers, will be presented for the first time to not only film experts and film juries, but also to the general public. Get a glimpse at what the filmmaking and co-financing process looks like and meet the filmmakers who might screen their upcoming films at some of the future versions of Camp 4Science. The Camp 4Science project is a training programme focused on science and factual documentaries mainly from Central Europe. The project is financially supported by the State Cinematography Fund and the International Visegrad Fund.

EVENING ²¹ EVENTS

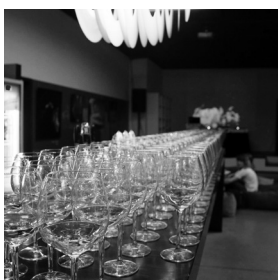


MONDAY | 23/4/2018

CAMP 4SCIENCE WELCOME DINNER | invitation only

07:00 PM | LONG STORY SHORT

On Monday 23rd in the evening, we have prepared a light welcome dinner for tutors and project participants from the Camp 4Science workshop. Come and enjoy a meal with your colleagues, discuss topics you are interested in and introduce yourself to other people who will take part in Camp 4Science 2018 over the next following 5 days. Discuss, explore and introduce yourself!



TUESDAY | 24/4/2018

WELCOME DRINK | invitation only

07:00 PM | GUEST ZONE KONVIKT, 1ST FLOOR

Another year of Academia Film Olomouc, the intergalactic festival of science popularization, is here! Come to Jazz Tibet club and welcome in the 52nd AFO with us. With a glass of wine or Chomout beer share your thoughts on the first day of the festival, the first screenings and discussions or snap a photo with our gorgeous AFO photo wall. There will also be refreshments including veggie mini burgers, salad caprese and other delicacies.



WEDNESDAY | 25/4/2018

BACKSTAGE PARTY | invitation only

08:00 PM | GUEST SERVICE, KONVIKT 3RD FLOOR

Are you interested in meeting festival guests in an informal atmosphere or would you enjoy learning something about the behind-the-scenes preparations from the AFO organizers themselves? The Backstage Party is an ideal occasion! Local Chomout beer will be on draught, along with some smaller snacks to go with the beer. Visitors can meet not only guests from this year's event, but also people who have helped prepare the festival and who might have been seen in the film halls, at the Guest Service or those who work literally behind the curtain.

22 **EVENING EVENTS**

THURSDAY | 26/4/2018

#camp4science

CAMP 4SCIENCE NETWORKING + WINE TASTING
invitation only

08:00 PM | MISS SOPHIE'S

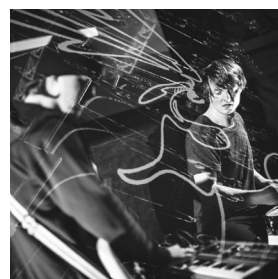
There will be a get-together at the wine cellar at hotel Arigone on Friday, this year with our guests from Chile. Networking will be a piece of cake in the intimate setting of the wine cellar. You can look forward to tasting Moravian wine, a selection of cheeses or finger food. And of course meeting all the festival guests.

THURSDAY | 26/4/2018

ALL TOGETHER PARTY | invitation only

09:00 PM | LONG STORY SHORT

On wednesday night, come have a glass with us at Konvikt restaurant. There will be beer and wine and other alcoholic beverages. Also finger food and veggies, so you can have a bite. The All Together Party takes place at the festival centre next to the Atrium, the beating heart of the entire festival. Come experience and enjoy the festival atmosphere, good food and drinks!



FRIDAY | 27/4/2018

MEETING OF FESTIVAL REPRESENTATIVES
invitation only

05:00 PM | NA BŘEHU RHÔNY

On Friday 27th, if you are a festival representative, we invite you to a small get-together at a local winery with small refreshments and of course, good wine. We will talk about the science audiovisual film industry and the science festivals we are a part of. How can we cooperate? What we can do to spread the word of science amongst the younger generation? And what obstacles do we face in day to day work life? We will discuss these topics and much more. In the end, we all have the same vision and we are all in it together.



EVENING ²³ EVENTS



FRIDAY | 27/4/2018

PARTY WITH GOAT | invitation only

09:00 PM | KOZA ZŮSTALA CELÁ

On Friday, we invite our partners to join us at a new restaurant Koza zůstala celá in the Olomouc city centre. Join us and enjoy little refreshments that go together with great wine. You will also be part of special wine tasting by Zbyněk Žižka – one of our team accreditation members who has a special winery in Moravia and makes his own wines.

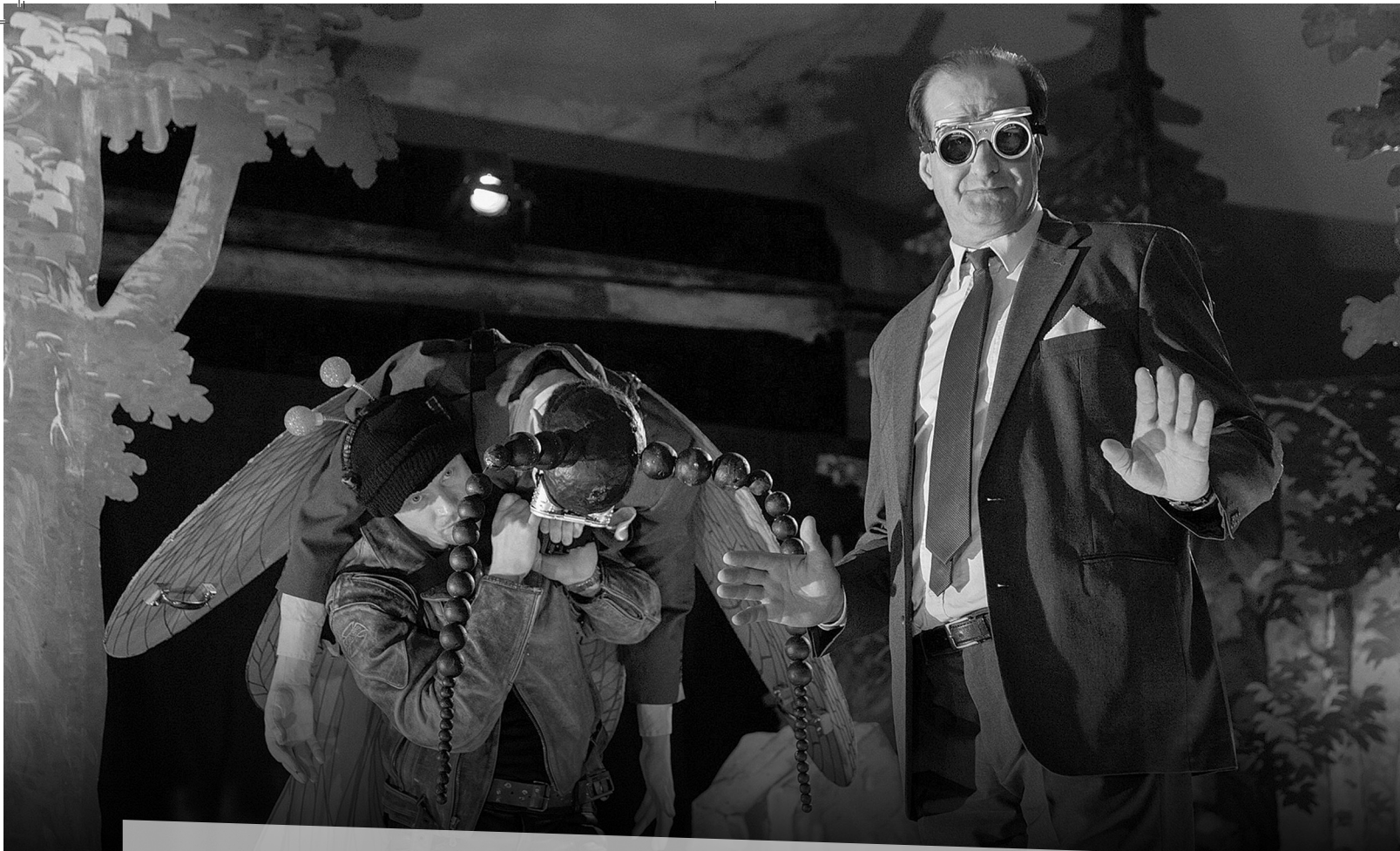


SATURDAY | 28/4/2018

RECEPTION CEREMONY | invitation only

09:00 PM | REDUTA THEATRE

Let's get dressed up! You're officially invited to the Reception Ceremony at the interactive science museum in Fort Science. There will be an open buffet with many kinds of refreshments. The reception takes place at one of the expositions where you can learn more about the history of the site and its surroundings.



CREATIVE EUROPE MEDIA SUB-PROGRAMME

DEVELOPMENT

Support for the development of a Single Project or a Slate of 3 to 5 projects (Slate Funding) intended primarily for cinema release, television broadcasting or commercial exploitation on digital platforms.

WHICH TYPE OF PROJECTS ARE ELIGIBLE?

Cinema release

- feature films, animations and creative documentaries
- minimum 60 minutes

TV or digital platform

- drama films (one-off or series) – minimum 90 minutes
- animation (one-off or series) – minimum 24 minutes
- creative documentaries (one-off or series) – minimum 50 minutes

www.kreativnievropa.cz

www.ec.europa.eu/creative-europe

TV PROGRAMMING

Support for the production of a TV programme involving the participation of at least three European broadcasters.

WHICH TYPE OF PROJECTS ARE ELIGIBLE?

- drama films (one-off or series) – minimum 90 minutes
- animation (one-off or series) – minimum 24 minutes
- creative documentaries (one-off or series) – minimum 50 minutes



Creative
Europe
MEDIA

Insect (CZ, 2018) – supported by MEDIA Development in 2011

GUEST ZONE ²⁵ KONVIKT

Guests, networking, drinks and food. What else can a person ask for? At Konvikt – in the heart of Olomouc and in the Art Centre of Palacký University – we have prepared for you the special Guest Zone Konvikt. Come and enjoy yourself, talk to other guests, share your experiences from the workshop and its sessions and have a laugh. Guest Zone Konvikt is only open to guests of Palacký University organized events, including Camp 4Science guests. It is open from Tuesday 24 till Thursday 26 from 8 pm until midnight.



26 CAMP 4SCIENCE PROJECTS

Camp 4Science strives to create a platform for filmmakers, where they can develop their science documentary projects and film together with renown tutors and producers. That's why every year, projects from accross the world apply for Camp 4Science workshop. Our board then decides which projects fits the Camp 4Science programme the most and have a potential to reach its final destination – cinematic or TV release. This year, we have picked two projects from Czech Republic: *Helios* (dir. Ondřej Sovík, Tadeáš Bagnár) and *Known Unknown Cuckoo* (dir. Marián Polák, Jan Hošek). Another two projects comes from Poland: *Are We Loosing Data?* (dir. Monika Aksamit-Koperska) and *Breaking the Codes* (dir. Sergiusz Wasilewski). One selected project called *It Takes Guts* (dir. Adrienne Grierson) is from Iceland. Special mention is for project laso from Czech Republic called *Papua New Guinea* (dir. Kateřina Mikulcová) that has been already completed and will be presented during Camp 4Science pitching, too.

Main pitching session *Science Films of the Future* as well as presentation of Creative Europe Media will be held on Friday 27th at 12:30 in Corpus Christi Chapel. All of the projects above will be presented in front of international decision makers. You are all welcome to become a part of it!



HELIOS

"The Sun is a phenomenon that has been fascinating us for thousands of years. It Inspired a mathematician to develop a unique photographic method, which by a chain of incredible coincidences, made scientists restart the observation and research of the solar eclipse."

Length: -

Genre: science documentary

Director: Ondřej Sovík | sovikondrej@gmail.com

Director: Tadeáš Bognár | tadeas.bognar@gmail.com

Producer: Milan Kýr | [cine4net, s.r.o | production@cine4net.eu](mailto:production@cine4net.eu)

Country: Czech Republic

SYNOPSIS

Understanding the Sun is extremely important to us. It is the closest star giving us life but it can also be dangerous for our modern society. One of the best ways to study Sun and its corona is through the solar eclipse. Few years ago many scientists believed that they can't learn anything new from the solar eclipse. It was partly because it was technically impossible to capture a more detailed image. In our film, we meet Prof. Druckmüller who, thanks to his hobby, discovered how to capture images of the solar corona that were groundbreaking and never seen before.

One of the best ways to study the Sun and its corona is through the solar eclipse. Few years ago scientists believed that they can not learn anything new from the solar eclipse. But Prof. Druckmüller discovered how to capture images of the corona that were groundbreaking and never seen before, even from the Space. After devoting two years of hard work, Prof. Druckmüller finally succeeded. His work might have remained a hobby if there was not an avalanche of coincidences started over a stolen photograph. Almost a detective story of an international scale has then unfold. We join Prof. Druckmüller on his journey, including the 2017 full eclipse expedition in the USA, and learn about the Sun through images which renewed international scientific interest in the study of the Sun's corona.

28 ANNOTATIONS

BREAKING THE CODES

"Breaking the Codes. Ciphers of war, nature, and love."

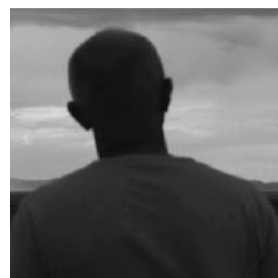
Length: -

Genre: science documentary

Director: Karol Jałochowski

Producer: Sergiusz Wasilewski | HD HOUSE | info@hdhouse.eu

Country: Poland



SYNOPSIS

Documentary movie "Breaking the Codes" tells the story of cryptology. It begins with human origins and lurks into the future. It will give a closer look to the turning points of world history, which were determined by the usage or misuse of codes and ciphers. We'll show that the dynamics of civilization is clocked by the struggle between cipher creators and those who break them. But there's more to cryptology than the power games. Encrypting and decrypting is the fundamental function of our brains. We'll present Skytale, Caesar cipher, Al-Kindi's research, achievements of Leon Battista Alberti and Blaise de Vigenere, geniuses of Alan Turing and Marian Rejewski, people who broke the unbreakable Enigma, and other episodes of the long storyline of cryptology. We'll also explain what the perfect cipher is, and why it doesn't exist in the classical world - only to introduce the phenomena of quantum key distribution protocols. Cryptology will be presented against the wide background of arts and science. We'll argue that they are the most fundamental efforts in decrypting and encrypting nature and human experience.

A popular educational documentary about the history of cyphers and secret codes. Cryptography will be presented as a special case of the inherent genre of human ambition to search for hidden patterns – and the driving force of civilization. The film is supposed to tell, in general terms, about the secret – and more specifically about how it is transmitted in a safe way. He will also signal that more than trying to hide our own human secrets, we face something much more enigmatic – the great mystery of nature.



KNOWN UNKNOWN CUCKOO

"An unbelievable and enthralling story of a brood parasite bird and its hosts."

Length: -

Genre: science documentary

Director: Marián Polák | marian.opatov@gmail.com

Director: Jan Hošek | jan_hosek@centrum.cz

Producer: Marián Polák | Marián Polák - GepArt pictures | marian.opatov@gmail.com

Country: Czech Republic

SYNOPSIS

Sometimes everybody has heard the voice of a cuckoo telling us how many years we have left. Few of us, however, saw it with their own eyes, and only a couple of people managed to penetrate into the mysteries of the hidden life of this uninvited bird invaders. In the research of cuckoos, Czech republic is one of the leading countries. An experienced team of filmmakers brings the story of this mysterious bird species. With the help of the newest techniques, rich experiences and recent scientific research, he would like to make an internationally competitive documentary film.

Everyone knows the basic facts. Common Cuckoo lays its eggs in the nests of other birds, who then raise their young. This reproduction strategy is called breeding parasitism, and among birds it is very rare. But behind these facts is a real drama. Its author is evolution itself. It's a story full of sophisticated tricks by which the cuckoo tries to deceive their hosts. On the contrary, they come up with equally sophisticated contrasts, so their relationship is a perfect analogy of human arms race. It is a utmost game, and so evolution shows here its top performances. What an amazing story as well as an amazing opportunity to take a look behind the curtain of natural phenomena! There is only one hitch: everything is so hidden and rare that it seems that systematic examining the life of cuckoo is virtually impossible.

30 ANNOTATIONS

ARE WE LOOSING DATA?

"Saving data – saving the memory of us."

Length: -

Genre: science documentary

Director: Monika Aksamił-Koperska | mkoperska@gmail.com

Producer: Monika Aksamił-Koperska | mkoperska@gmail.com

Country: Poland

SYNOPSIS

From centuries people have strived for immortality forever living through their ideas, inventions, stories. They wanted to be listed on the cards of history, remembered. Save their precious information in books, memories in paintings or pictures, data on disk. But what if I tell you that we, as a civilization, are yet to invent an information storage device, that could survive more than few hundred years and would be capable of storing Bigdata data. I take you on a journey through the history of humanity's ideas for storing information and be sure we'll be visiting both its past and future.

As a civilization, we had too many ideas to store information: like those big floppy – which had completely fallen into disuse; or reel memory banks on which the recorded data from the Mars probe Viking was stored. 20% of that data was lost, the original of the first colour photo from Mars has been already lost because of the information decomposition in the beginning of the 21st century. And now, if you want it or not, paper and SSD disc lead the chase for most durable "casing for information". And still there is a good possibility that they will have problem surviving a thousand years. That is frightfully short time frame for the our civilization heritage.

Where is science on this? Are the biggest sharks of the digital market coming up with a revolution in data storage? Or are they more consumed by developing the storage size capabilities and data transfer speed. Do they think about durability? Storing on glass, on DNA, on a molecule or atom. We will explore what chemistry, biology and physics have to offer to solve the information storage problem of the 21st century.





PAPUA NEW GUINEA

"The programme is an adventure travelogue, socio-anthropological portrait and popularisation of science rolled into one. Each episode will be dedicated to one of the main characters and the place from which he comes."

Length:-

Genre: science documentary

Director: Kateřina Mikulcová | katerina.myfilm@gmail.com

Contact: katerina.myfilm@gmail.com

Producer: Tina Diosi | KONTRAFILM & FURIA FILM PLUS s.r.o. | tina.diosi@gmail.com

Country: Czech Republic, Slovakia

SYNOPSIS

The programme introduces viewers to one of the wildest places in the world: the island of Papua New Guinea. We learn the stories of local scientists – the first generation of western-qualified “natives descended from cannibals”. These are people who straddle traditional magic and life in the wild, and high-tech technology, science and the Christian faith. People standing between the Stone Age and Post-modernism. The programme introduces viewers to one of the wildest places in the world: the island of Papua New Guinea. We learn the stories of local scientists – the first generation of western-qualified “natives descended from cannibals”. These are people who straddle traditional magic and life in the wild, and high-tech technology, science and the Christian faith. People standing between the Stone Age and Post-modernism. We have six main characters and six stories. Each of them is from a different part of the island, a different tribe and with slightly different traditions. We go with them to their home villages and learn about magic, tribal warfare, hunting, crop farming in the rain-forest and, above all, their world-view. The programme is an adventure travelogue, socio-anthropological portrait and popularisation of science rolled into one.

IT TAKES GUTS

„Fecal matter is one of the most visceral taboos in modern societies. But, what if stool could save your life?“

Length:-

Genre: science documentary

Director: Adrienne Grierson

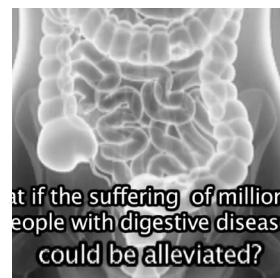
Producer: Heather Millard | Compass Films | heather@spierfilms.com

Country: Iceland

SYNOPSIS

In *It Takes Guts*, director Adrienne Grierson goes around the world on a first-person investigation of Fecal Microbiota Therapy (FMT), bringing us, as she says, “face to face with feces.” In FMT, stool from donors is tested, cleaned, reduced mostly to its useful bacteria, and then transplanted to the patient’s gut in the hopes of repopulating their disrupted digestive biomes. In the U.S., the FDA tightly regulates the use of FMT, limiting it to about 800 partner hospitals and exclusively for the treatment of the deadly colon infection, *C. diff*. Adopting a lightly comic and empathetic tone, whilst continuing to be dramatic and riveting, this film examines the successes and challenges of FMT and the debates over expanding its application to Crohn’s disease, ulcerative colitis, IBD, and even neurological maladies.

Starting from Adrienne’s own health crisis in South America in 2015 – and subsequent treatment with FMT in the UK’s Taymount Clinic – the story dives into the global movement to bring FMT into the medical mainstream. Adrienne’s ongoing personal treatments will provide a personal touchstone for the narrative as we meet a worldwide cast of fascinating characters: Thea Wooten, a young and feisty 27-year-old American and Crohn’s Disease sufferer who goes to live in China to be treated by Dr. Faming Zhang, a world-renowned expert on FMT and bowel ailments. At Zhang’s clinic, we meet Wanyi, a Chinese patient who is being treated for epilepsy and Crohn’s with startling results. We also meet JingYu, being treated for Tourette’s syndrome. Meanwhile, Vicki, an Australian with debilitating Ulcerative Colitis, is being treated by Dr. Thomas Borody in Sydney, who runs one of the few gastroenterological clinics in the world openly providing FMT for a variety of ailments. Vicki and her husband’s down-to-earth presence grounds this strange journey in a familiar world of suburban life and the intimacies of daily life.



34 NOTES

36 **NOTES**