

WORKSHOP RESULTS RIGI-WORKSHOP 2016 – STORYBOARDING SCIENCE

1.

Film Title:	Walking through complexity
Theme:	Complexity: The transfer of complex cellular and molecular ideas in science (specifically neuroscience, perception, sexuality and hormones, behaviour of bacteria) / medicine: exploring the health impacts (specifically cancer, brain function, HIV, human trials, stem cells)
Length:	5 min
Content Synopsis:	The complexity inherent to most biological processes can be very difficult to grasp. This movie represents a different take on molecular processes that happen inside the cell. We aim to explain HIV infection and the molecular basis of cancer to a lay audience in a fun, engaging way, without sacrificing scientific accuracy.
Scientists and Filmmakers:	David Beuparlant, Franziska Heydenreich, Jonathan Hug, Lauriane Nallet, Nicolas Rodrigues, Rita Saraiva, Anja Wolf
Workshop Leaders	Prof. Dr. Jill Scott, Prof. Marille Hahne , Dr. Samer Angelone-Alasaad, Julia Daschner, Daniel Lang
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2.

Film Title:	Lumières
Theme:	Imaging techniques (generally micro and macro worlds and how to combine them)
Length:	5 min 58 sec
Content/ Synopsis	Light is everywhere. Light is life. Light enables knowledge and science. The experimental film "Lumières" introduces us to what is revealed by light: structures, forms and colors. Both with microscope images and spoken thoughts on light and enlightenment, the film tries to approach imaging in science and light in an essayistic and poetic way.
Scientists and Filmmakers:	Juan Pablo Busso, Johanna Diener, Noemie Frezel, Natascha Jankovski, Clémence Roggo, Yvonne Weber
Workshop Leaders	Prof. Dr. Jill Scott, Prof. Marille Hahne, Dr. Samer Angelone-Alasaad, Julia Daschner , Daniel Lang
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3.

Film Title:	Cocoa Sasabroah
Theme:	Education of target communities (specifically farmers, young children, African communities)
Length:	2 min 45 sec
Content Synopsis:	This film was produced during the interdisciplinary Rigi-workshop for scientists and filmmakers “Storyboarding Science” in November 2016. The idea was to produce a bluetooth-ready video about the cocoa swollen shoot virus (a viral disease of cocoa (<i>Theobroma cacao</i> L.)) which can be shared by Ghanaian cocoa farmers on mobile phones. However, as we know that information spread in the cocoa sector of Ghana happens largely through the radio, we decided to produce a song which should be a stand-alone product that works to convey the educational information about knowledge and prevention of the disease. In addition, we then produced a video clip which could be shared on mobile phones, e.g., at farmer field days, etc. to stimulate implementation on the ground.
Scientists and Filmmakers:	Christian Andres, Lisa Lee Benjamin, Ian Clark, Anouk N'Guyen, Lydia Zimmermann
Workshop Leaders	Prof. Dr. Jill Scott, Prof. Marille Hahne, Dr. Samer Angelone-Alasaad, Julia Daschner, Daniel Lang
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4.

Film Title:	Habitats
Theme:	Ecology and climate change problems (specifically biodiversity, invasive species, behaviours of species, agriculture and food production)
Length:	3 min 26 sec
Content Synopsis:	The world around us is changing. Climate change is modifying environments around the world, which in turn is driving species to alter their behaviour as they adapt to the new challenges. ‘Habitats’ explores the interaction between a species driven from its original range into a new one inhabited by another species.
Scientists and Filmmakers:	Rich Baxter, Seraina Cappelli, Yuanyuan Huang, Rassim Khelifa, Robbie l'Anson Price, Christina Welter
Workshop Leaders	Prof. Dr. Jill Scott, Prof. Marille Hahne, Dr. Samer Angelone-Alasaad , Julia Daschner, Daniel Lang
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