



Innovationsmotor am Museum für Naturkunde Berlin

Mediasphere for Nature – Das Applikationslabor für digitale Medien

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Projektleitung Naturkunde 365/24

Wir verstehen uns als Brückenbauer!

Brü·cken·bau·er
/Brückenbauer/

Substantiv, maskulin [der]

1. Vermittler (1)

"er verstand sich als Brückenbauer zwischen den Kulturen"

2. jemand, der Brücken (1) baut

Wie baut man Brücken ... oder ein Applikationslabor für digitale Medien?



Mediasphere For Nature

Nützliche Links und Publikationen:

- › Tata et al. (2020). Mediasphere For Nature – Das Applikationslabor für digitale Medien am Museum für Naturkunde Berlin. <https://doi.org/10.7479/qv3p-3619>.
- › <https://mediasphere.museumfuernaturkunde.berlin/en/> (English) und <https://youtu.be/yxHLCbdm9kY> (Deutsch)
- › Weißpflug et al. (2019). Auf dem Weg zu einer digitalen Strategie für das Museum für Naturkunde Berlin. DOI: 10.1007/978-3-658-24030-1_20

(Digitale) Öffnung für neue Perspektiven!

Digitale Medien & Narrative



Neue Partnerschaften!

Mission: *„Wir erforschen die Erde und das Leben im Dialog mit den Menschen.“*

Innovationsnetzwerk & Outreach



Ansätze für Ko-Produktion

Ko-Produktion

Animal Beat Box



Animal Beatbox

Great spotted woodpecker

Woodpeckers chisel into trees to find food; they have anatomical adaptations to manage the physical stresses from the hammering action.

Indian (blue) peafowl

The Indian peafowl is native to South Asia, but introduced in many other parts of the world. Their loud calls make them easy to detect, and in forest areas often indicate the presence of a predator such as a tiger.

Greater flamingo

The pink coloration of flamingos comes from the carotenoid pigments in the organisms they eat, and is only achieved several years into adult life.

Eastern (mountain) gorilla

Links:

- › <https://mediasphere.museumfuernaturkunde.berlin/en/2020/03/23/animal-beatbox/>
- › <http://animalbeatbox.denkeninechtzeit.net/>

Ko-Produktion

Barrier-free crocodile

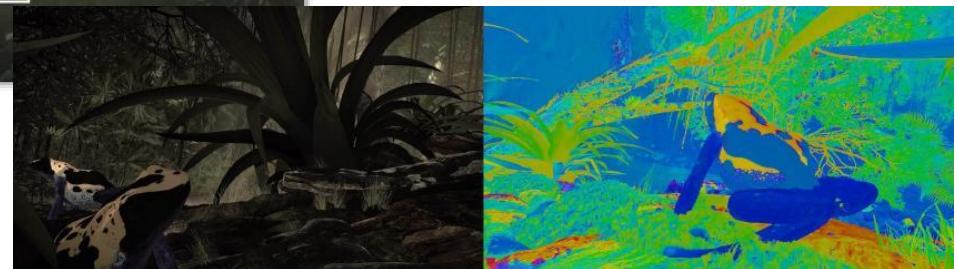


Link:

› <https://mediasphere.museumfuernaturkunde.berlin/en/2020/04/28/the-barrier-free-crocodile-an-exhibit-for-the-senses/>

Ko-Produktion

VR Installation Inside Tumucumaque



Links:

- › <https://interactivemedia-foundation.com/de/projekte/deltas/>
- › <https://vimeo.com/artificialrome/inside> (Video)
- › <https://mediasphere.museumfuernaturkunde.berlin/en/2020/03/24/inside-tumucumaque/>

Ko-Produktion

Immersive storytelling App “Der Vogelfinder”



Links:

- › <https://neeeu.io/projects/vogelfinder/>
- › <https://vimeo.com/383312437> (Video, Englisch)

Wir sind gekommen, um zu bleiben!

Ausblick



Vielen Dank für ihre Aufmerksamkeit!



Wie alles begann!

Natural History Education Pilot: Adventure Game

There are two Natural History Education Pilots which both use different models and approaches and target different audiences. The first of the products is an adventure game situated in a museum environment and designed as a first person hidden objects game

What: a first person hidden objects game
Aimed at: school children 12+, families, students, adults
Made by: [Exozet Games](#)

It takes place at the [Museum für Naturkunde \(MfN\)](#) and various other locations in Berlin, the [National Museum in Prague](#) and a secret island close to the Antarctic. The game tells a story about the secret legacy of Alexander von Humboldt including a mystery which needs to be unravelled by his descendant Sara. During her adventure, Sara needs to solve several puzzles and tasks to get all of the hints about where to find the pieces of a secret map and to discover the great secret that the completed map will reveal.

The educational aspects are built into the game in various ways - storyline, puzzles, object interaction, environment and additional information.

This game is developed by Exozet Games in collaboration with the Museum für Naturkunde in Berlin and the National Museum in Prague. It uses a combination of content from the natural history and the history domain.



Adventure Game screencast by Exozet Games
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Links:

- › <https://vimeo.com/europeana/ecreativeoverview>
- › <https://pro.europeana.eu/project/europeana-creative-project>



Skelex



zzZwitscherwecker



SnailSnap

Links:

- › <https://codingdavinci.de/about/>
- › https://youtu.be/8_URZDvowZQ