



naturhistorisches museum wien
natural history museum vienna

**Prof. Dr. Christian
Koeberl**

NHM Vienna &
University of Vienna

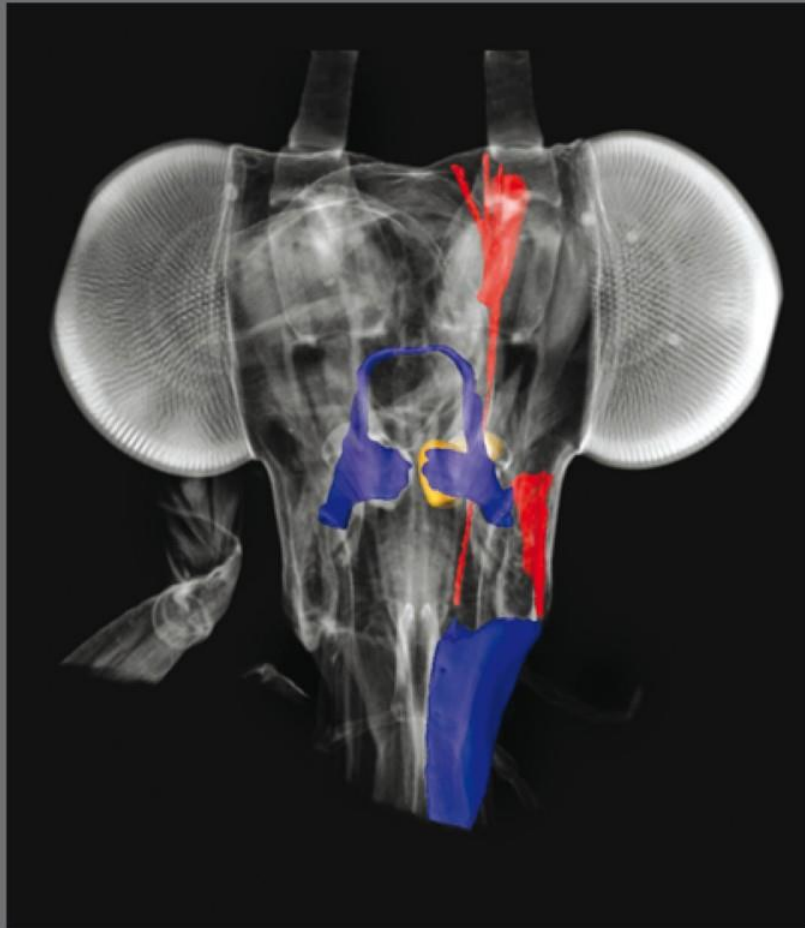


Space-related activities at the Natural History
Museum Vienna – Educating new generations



Imperial nature cabinet

- 1750: Purchase of the then largest collection of natural objects by Emperor Franz I Stephan of Lorraine, the husband of Maria Theresa
- Establishment of imperial collection at the Hofburg (Imperial Palace), about 30,000 objects



NHM today

- Public exhibit area: 9000 m² out of ca. 50,000 m²
- Collections: ca. 30 Million objects
- Underground storage: 4.500 m²
- Staff: more than 350 people, including about 65 scientists (plus postdoc/project staff)
- Visitors: in 2016 more than 700,000 (per year); one of the most visited museums in Austria
- Three separate facilities: pathological-anatomical collection at the “Narrenturn” (largest of its kind in the world), ecology station near Danube; excavations at Hallstatt



Collections

- Anthropology
 - Archives
 - Botany
 - Geology & Paleontology
 - Mineralogy & Petrography (incl. meteorites)
 - Prehistory
 - Zoology 1 (Vertebrates)
 - Zoology 2 (Insects)
 - Zoology 3 (Invertebrates)
- + Central Research Laboratories



Modernization / Newly Designed Exhibits

- Dinosaur Hall: October 2011
- Entrance Hall: November 2011
- Shop: November 2011
- Café: September 2012
- Meteorite Hall: November 2012
- Anthropology: January 2013
- Planetarium: October 2014
- Prehistory Halls September 2015
- Pathological-anatomical collection - 2018

The NHM Vienna Meteorite collection

One of the world's largest meteorite collection

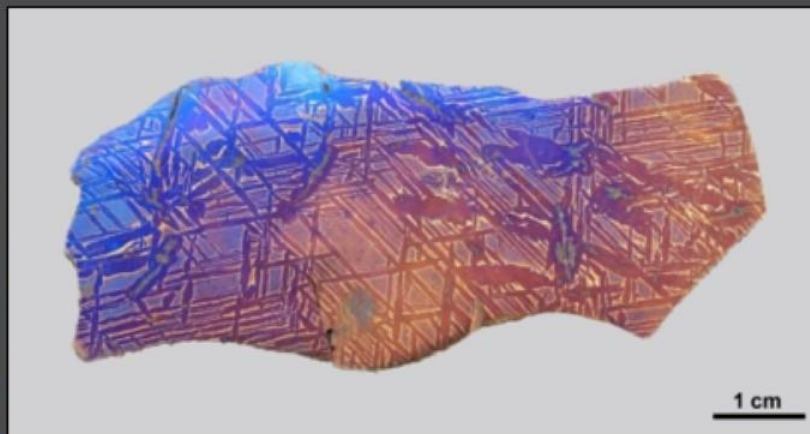
~ 8,500 pieces (~7,000 registered individual specimens)

~ 2,400 locations

Oldest collection in the world !

[Collection activities started in Vienna (1778) even before the recognition of meteorites as extraterrestrial matter]

The Hall 5 of the Natural History Museum contains the largest meteorite display in the world. Currently, after a thorough renovation and modernization of the hall (in 2012), there are 1,100 meteorites on display (including 650 different meteorites, consisting of 300 falls and 350 finds).



https://asteroidday.org/oesterreich/



ABOUT

LIVE

DISCOVERY

EVENTS

RESOURCES

EDUCATION

ASTEROID DAY

30 JUNE



Willkommen beim Asteroiden Tag Österreich

Eine globale Initiative zum Schutz der Erde vor erdnahen Asteroiden und Kometen auf potentiellm Kollisionskurs.

Countdown bis zum nächsten Asteroiden Tag, 30. Juni 2017:

Christian Koeberl Asteroid Impact Mission (deutsch)



NHM Wien-Generaldirektor Christian Köberl
zum Asteroid Day und zur Asteroid Impact Mission

Video in English:

Christian Koeberl Asteroid Impact Mission (english)

https://asteroidday.org/asteroid-day-expert-panel/

ASTEROID DAY 30 JUNE

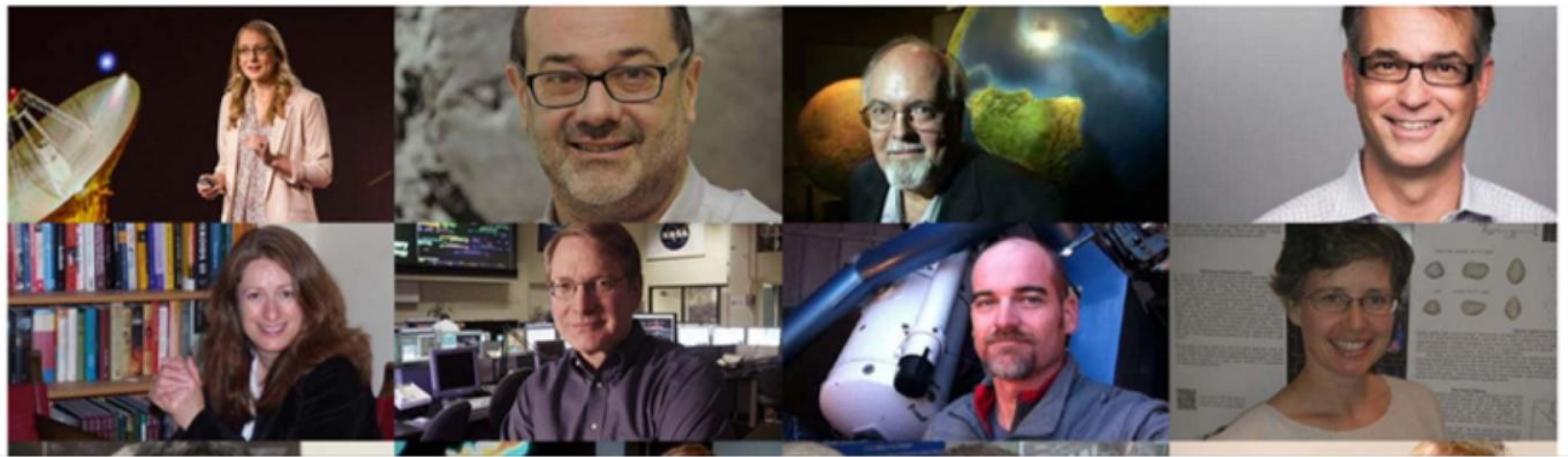
ABOUT LIVE DISCOVERY EVENTS RESOURCES EDUCATION VIDEO BLOG NEWSROOM CONTACT

Meet the Expert Panel

The Asteroid Day Expert Panel is chaired by Physicist Dr. Mark Boslough (left) and consists of 16 world-class asteroid experts. They oversee the scientific information Asteroid Day is publicising to guarantee accuracy. They are always happy to answer any asteroid related questions you may have.

[View the Expert Panel](#) [Ask a Question](#)

ADXP Members





The Digital Planetarium at the NHM Vienna – Digistar 6 Fulldome projection, 61 seats

Many current and past special exhibitions related to space topics



comets. the rosetta mission.

09. May 2018 - 12. September 2018

From 9 May until 12 September 2018, the exhibition "Comets. The Rosetta Mission. A Journey to the Origins of the Solar System", by the German Aerospace Center (DLR) in cooperation with the NHM Vienna and the Max Planck Society, invites visitors to embark on a journey to the fascinating world of comets and find out how the Rosetta mission revealed their secrets. The main exhibition will be on display in the special exhibition rooms in the mezzanine of the NHM Vienna and will be complemented by relevant shows in the Digital Planetarium.

Comets are icy messengers from the outer reaches of our solar system. Comprised mainly of ice and a little dust, the ice is vaporized and ionized by the Sun as they enter the inner solar system, resulting in the typical comet tail.

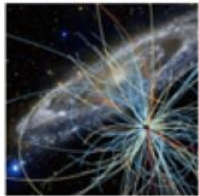


our place in space.

20. June 2018 - 04. November 2018

Our Place in Space offers opportunity to contemplate how and where we experience the Universe - and how we should continue to do so. How far do we dare to go? We ask similar questions in the sciences, in the arts and in politics; and yet these are also philosophical and personal questions.

The starting point of the special exhibition *Our Place in Space* is aesthetic images from the Hubble Space Telescope that has recently celebrated its 28th anniversary in space. For this occasion, Antonella Nota (ESA) and Anna Caterina Bellati (Bellati Editori) created the traveling exhibition *Our Place in Space* which first showed from February to April 2017 in Venice. Using contemporary and local artists of the hosting country, the exhibition reinvents itself at each destination.



the beginning of everything. about galaxies, quarks and collisions

19. October 2016 - 20. August 2017

Exhibition extended until 20th August 2017

On display in the cabinets 1-4 and the halls 17-18.

The exhibition is a collaboration between the NHM Vienna and the Institute of High Energy Physics (HEPHY) of the Austrian Academy of Sciences.

What does the universe consist of? Where does the universe end? How many dimensions are there in the universe? What is the universe expanding into? These and similar questions have bothered humans for centuries and still bring us to the limits not only of our knowledge but also of our imagination. "The beginning of everything" presents answers to at least part of these questions by taking visitors for a journey more than 13 billion years back into the past, to the start of the universe, and by communicating most recent scientific knowledge of particle physics and cosmology in a readily comprehensible manner. In addition, artists offer a contrasting approach to this complex topic from different visual, optical and acoustic angles and perspectives.



michael benson's otherworlds: visions of our solar system

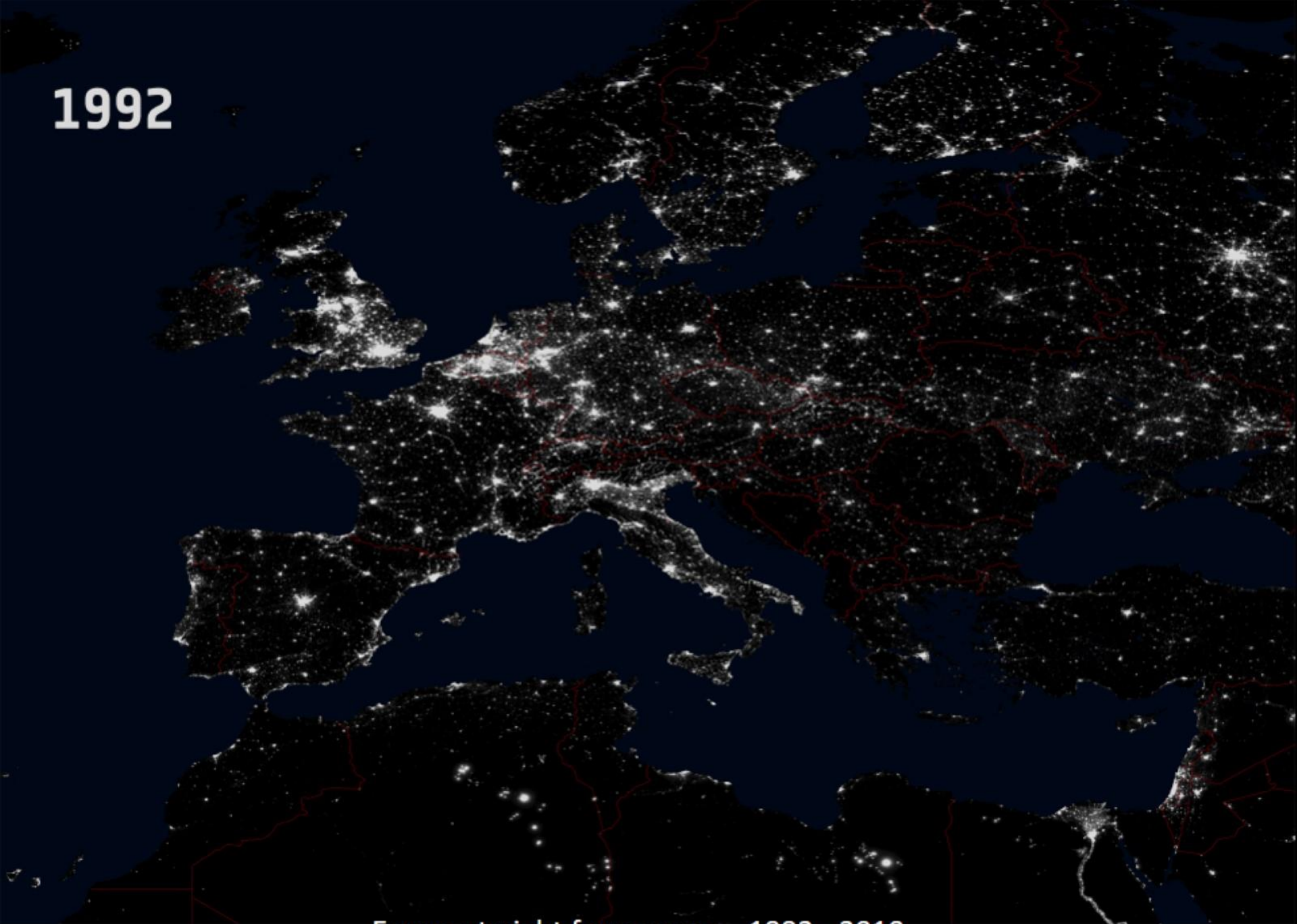
01. June 2016 - 18. September 2016

Visit *Otherworlds*, a photographic tour of the solar system in a mesmerizing new exhibition by Michael Benson at the Natural History Museum Vienna, running from June 1st until September 18th, 2016.

Otherworlds reveals the eerie beauty of the Solar System and decisively demonstrates that the visual legacy of six decades of space exploration constitutes an important chapter in the history of photography. Over 70 composite images by artist and curator and writer Michael Benson fuse art and science: raw data provided by NASA and ESA missions has been painstakingly processed and assembled, producing a remarkable series of landscapes currently beyond direct human experience.

Euope at night from space – ca. 1000 AD

1992

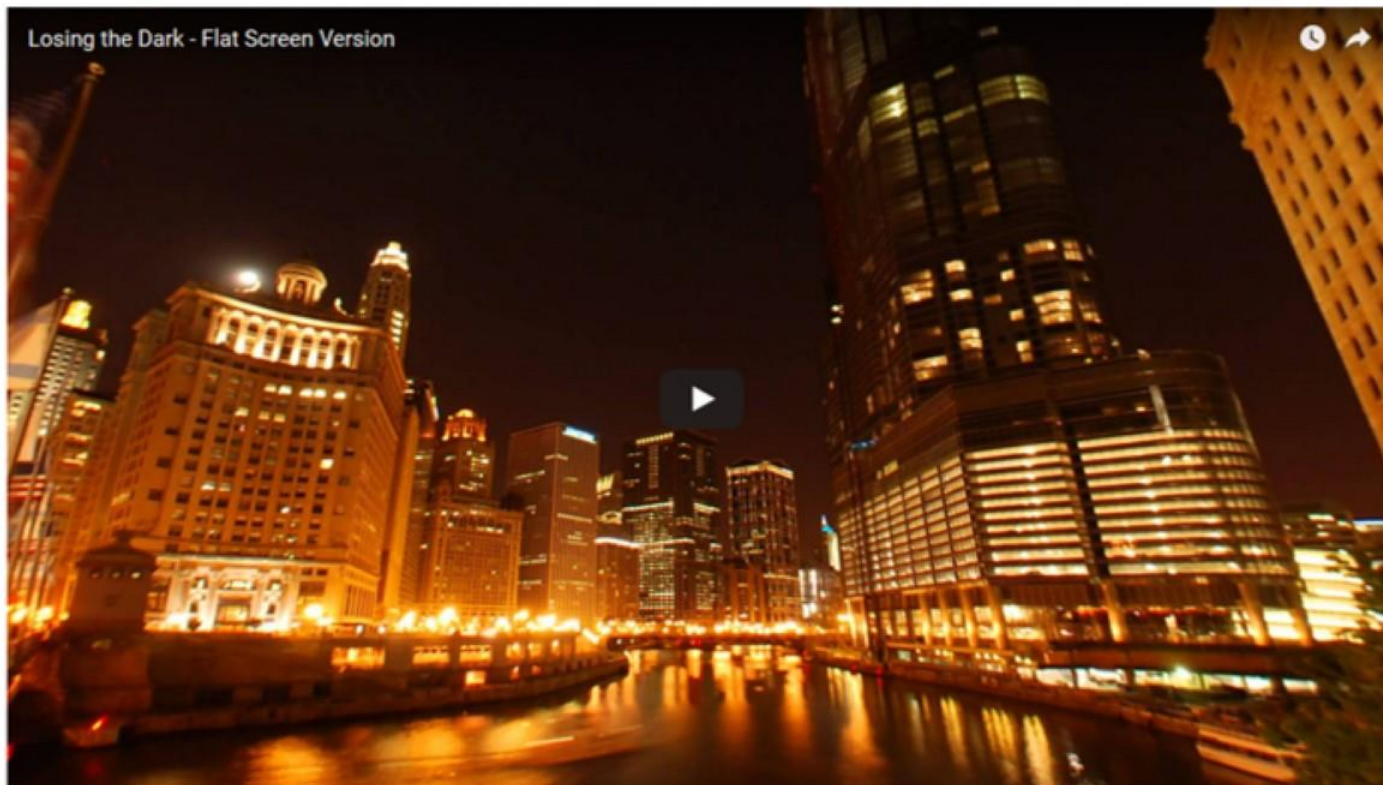


Europe at night from space – 1992 - 2010

[Home](#) » [Resources](#) » "Losing the Dark"

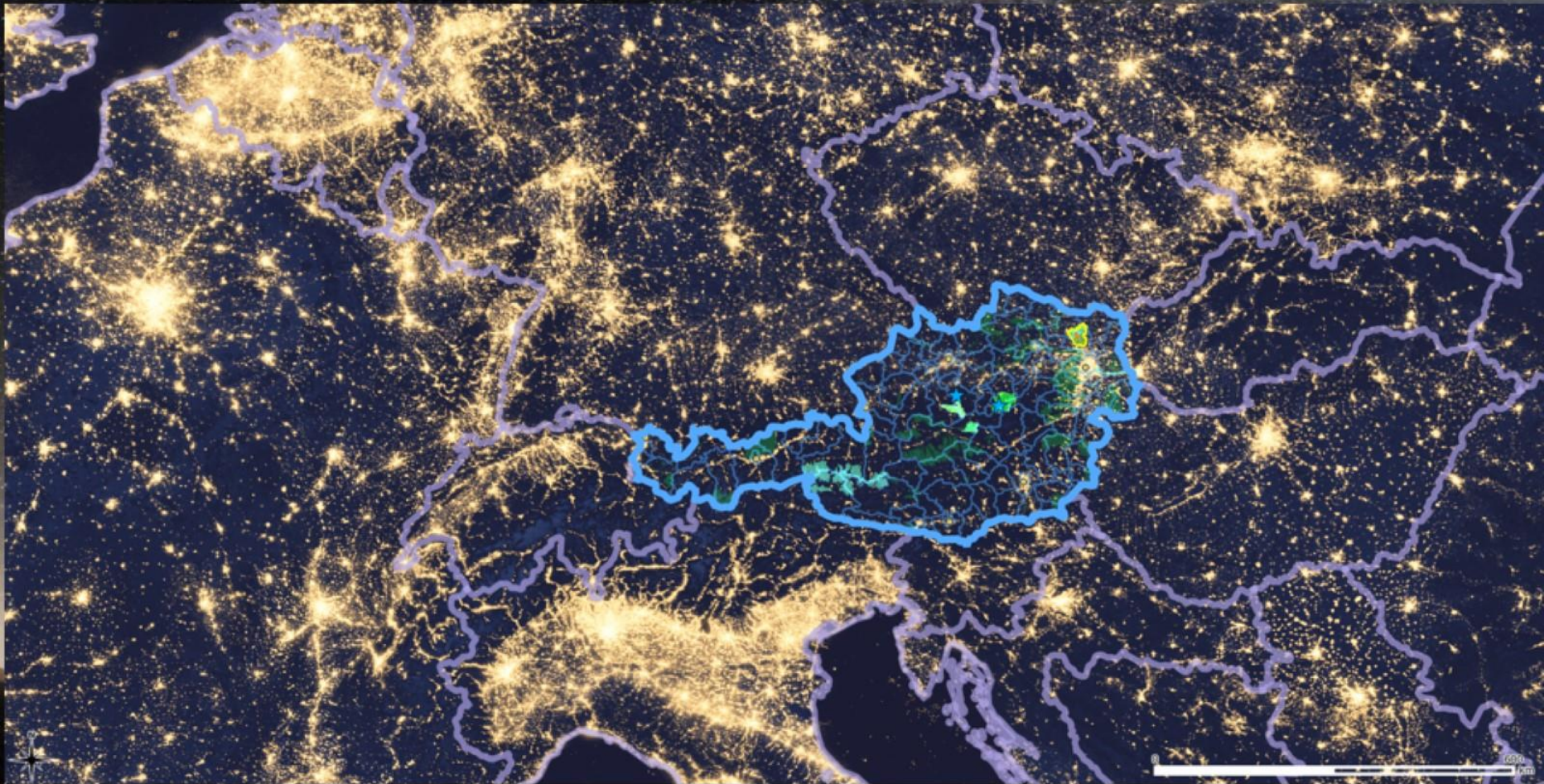
"Losing the Dark"


Shown before many planetarium shows at the NHM



"Losing the Dark" – a short planetarium show and video on light pollution.
Available as a FREE download in 15 different languages!

Lights 2012





First night flight of Vienna to measure light direction and amount

Cooperation:
NHM,
Kuffner
Observatory,
City of
Vienna



Flown route
Navigational
accuracy:
<100 m ~ <1%
median

Light pollution is a problem for astronomers, animals, plants, humans

- There are now generations of people that have no link to the natural sky anymore.
- “Less light” is often ridiculed by people, including some from the press, as affecting only nerdy amateur astronomers, whereas security and safety are (wrongly) assumed to improve with better nighttime illumination.
- Better arguments in this respect involve the negative effects of light pollution on the biosphere, from insects to birds, and the possible influence of certain light sources on human cancer rates.
- The NHM has led a helicopter-based study of the actual light emission from Vienna at various angles towards the sky, making it one of the first such studies.
- We are collaborating with a variety of groups, ranging from amateur astronomers to BirdLife to the Austrian UNESCO Commission, among others,
- Several programs to educate the public, ranging from planetarium shows to outreach activities and scientific studies



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Der Himmel über Wien