



KATIA J. PINHEIRO

Researcher & Science Communicator

ABOUT ME

I am a scientist motivated to transform complex subjects into interesting and attractive narratives, always ensuring scientific correctness. I have been awarded several science outreach projects to build an international network and produce content for social media channels. My portfolio of scientific outreach demonstrates my creative ideas and experience working with international teams.

EXPERIENCE ON SCIENCE COMMUNICATION

01/2025 - present

Website development and content

- I develop and regularly create content for the IUGG Early-Career Scientists website and blog (www.iugg-ecs.org).
- Development of my personal webpage: www.katiapinheiro.com
- Update content and press-release on: <https://graceful.oma.be>



Click here

02/2025

Rainbow Science

Set of interviews with LGBTQIA+ researchers
Direction, camera, and edition.
Sponsor: GFZ (Potsdam) and IUGG (International Union of Geodesy and Geophysics).



watch here

07/2024

The Geomagnetic Grand Spectrum

Web series: senior researchers.
Screenplay writer, direction, camera, and edition.
Sponsor: IAGA (International Association of Geomagnetism and Aeronomy)

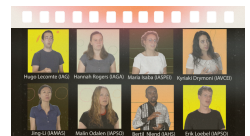


watch here

12/2023

Geoscience Connections

Documentary: Early-Career Scientists.
Screenplay writer, direction, camera, and edition.
Sponsor: IUGG.



watch here

09/2023

Earth-Human Connections

Animation movie.
• Public Award Winner of the Braga Film Fest
• Selected for the Science Film Festival
• Nominated for the Silbersalz Science & Media Awards (Short & Crisp Award category).
Screenplay writer and direction.
Sponsors: IUGG and IAGA.



watch here


08/2023

Geoscience Connections short movies

Short movie for students and researchers.
Direction, camera and edition.
Sponsors: IUGG and IAGA.






watch here


 <https://katiapinheiro.com>
 [linkedin.com/in/katiapinheiro](https://www.linkedin.com/in/katiapinheiro)

EDUCATION


Ph.D. in Earth Sciences

ETH -Zurich (Switzerland) 
1 year at University of Leeds (UK) 
4 months at ANU (Australia) 
12/2004 - 02/2009

Master in Geophysics


Observatório Nacional (Brazil) 
03/2001 - 06/2003

Bachelor in Oceanography


Universidade do Estado do Rio de Janeiro (Brazil) 
03/1997 - 02/2001

PROFESSIONAL EXPERIENCE


ISTerre (Grenoble)

02/2025 – present 
Science communicator

GFZ - Potsdam

11/2021 – 08/2022 
Invited Researcher

Observatório Nacional

05/2009 – 10/2021 
Researcher and Lecturer

LPG- Nantes

09/2015 – 08/2016 
09/2013 – 08/2014
Postdoc / Invited Researcher

OUTREACH PROJECTS

07/2024 - present
ECSNet: the IUGG Early-Career Scientists Network
Sponsor: IUGG

09/2022 - 08/2023
Geoscience Connections
Sponsor: IUGG

05/2023- 06/2024
A magnetic journey: from core to space
Sponsor: IAGA

09/2022 - 08/2023:
Bimbim's Team: A Journey to the Planets
Europlanet Public Engagement Funding Scheme 2022

SKILLS

Written and oral communication
Filmmaking (scriptwriting, camera, chroma-key, direction and edition)

Creativity
Organisational Skills
Leadership


EXPERTISE

Content creator (movies and social media)
International networking
Science management
Homepage creator

LANGUAGE

Portuguese ●●●●●●●●
English ●●●●●●●●
French ●●●●●
German ●●

SOME MORE

Publications  [click here](#)

Supervisions:
• 7 M.Sc., 2 Ph.D., and 1 postdoc

Attended courses
(International Academy of Cinema - Brazil):
• Cinema, documentary, direction, photography, edition and screenplay.

04/2023

Bimbim's team: a journey to the planets
Puppets movie series for kids.
Bimbim's team creator and screenplay writer.
Sponsor: Europlanet and FAPERJ (Brazil).



07/2022

Magnetic Mosaic 
Documentary: Women in Geosciences
Top-three finalist in the Earth Futures Festival (category "Women in Geosciences").
Direction, camera and edition.



2020

Homepage: observatoriosmagneticos.on.br
Content creator and design supervision.
Sponsor: FACC (Brazil).

2012

Science outreach online course: the Earth's magnetism
Content creator and interviewed researcher.
Sponsor: Petrobras and FAPERJ (Brazil).

INTERNATIONAL ACTIVITIES

2024 - present Member of IUGG Equality, Diversity, and Inclusion Committee
IUGG - International Union of Geodesy and Geophysics

2023- present Member of IAGA Executive Committee
IAGA - International Association of Geomagnetism and Aeronomy

2021- present Member of IAGA-ICEO
ICEO - Interdivisional Commission of Education and Outreach group

2011 - present Organizer of International Meetings and Sessions
Chair of session "Education & Outreach in Geosciences" at the 28th General Assembly of IUGG (Berlin, 2023), head of the organising committee of the first "Magnet Brazil" in Rio de Janeiro (Brazil), and others.

2012 - present Talks, Interviews and participation on science outreach events
Outreach talks on the 28th General Assembly of IUGG (Berlin, 2023), panelist on the "Earth Futures Festival" (Unesco Paris, 2022), participation on the "Fête de la science" (Nantes, 2016), "Rio+20" (Rio de Janeiro, 2012) and others.

2019 - 2023 Co-chair of IAGA WG-V - Geomagnetic observatories, surveys and analyses

2012 - 2023 Manager of the Brazilian Magnetic Network