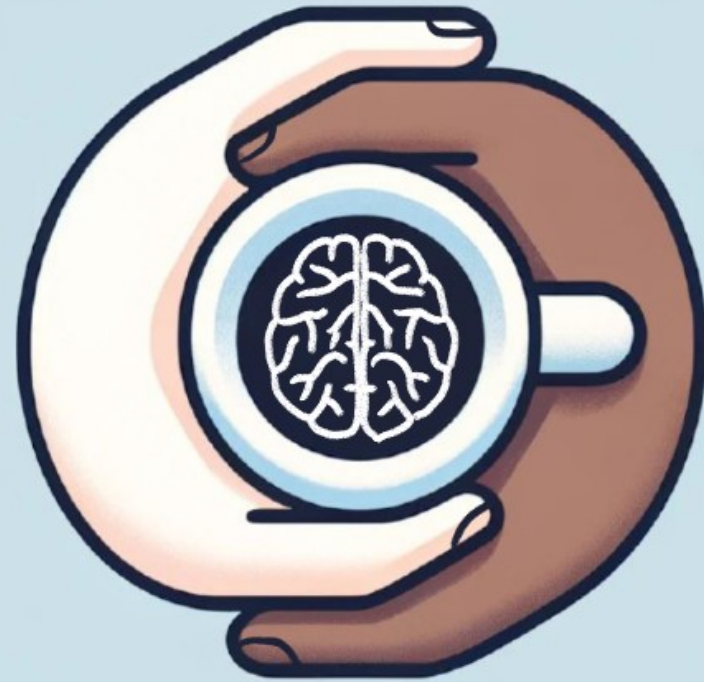


# Open Science Cafe



NASA SPACE APPS CHALLENGE 2023

**A Marketplace for Open Science Projects**

*Lion Astronauts*



Open Science Cafe

# Inspiration & Collaboration



We Got You Covered!

[www.opensciencecafe.com](http://www.opensciencecafe.com)



Open Science Cafe

Project Creators Skill Contributors Investors About Search Dashboard

Empowering Open Science

Join a community of Open Science contributors, project creators, and investors

Get Started

Featured Projects

**LANCE EarthGuard Initiative**

The LANCE EarthGuard Initiative is a

**Launch of Open Science Cafe in Rome**

The esteemed Open Science Cafe, having

**Open Science Cafe Franchising Initiative**

The Open Science Cafe, renowned for its


**Open Science Cafe**

In today's digital age, the realm of open science and open-source platforms is thriving, with countless projects and






# The Project Contributor's POV



Open Science Cafe


Search

Dashboard




LANCE EarthGuard Initiative

← Back to search






Project Creator



Martin

Collaborators



LANCE EarthGuard Initiative

The LANCE EarthGuard Initiative is a community-driven project that capitalizes on the rich, near real-time EOS data provided by NASA's LANCE. This initiative aims to bridge the gap between advanced satellite data and community engagement, fostering a deeper understanding and proactive response to Earth's phenomena. By bringing together students, researchers, citizens, educators, and local authorities, the project ensures that LANCE data is not just observed but actively utilized for the betterment of the environment and communities.

Learn more about LANCE: <https://earthdata.nasa.gov/earth-observation-data/near-real-time>

Key Components:

Education and Awareness Programs:

Audience: Students, educators, and the general public.  
Objective: Introduce the capabilities of LANCE and its data, educating on the importance of monitoring Earth's phenomena.  
Method: Organize workshops, webinars, and school programs. Distribute educational materials explaining the significance of real-time EOS data.  
Community Reporting and Feedback System:

Audience: Citizens and local authorities.  
Objective: Allow users to validate LANCE's satellite data with ground observations, thereby enhancing the dataset's richness and reliability.  
Method: Develop a mobile app or web portal for users to upload observations, images, and feedback related to events captured by LANCE.  
Research Collaboration Portal:

Data Scientists: Experts in analyzing and interpreting the vast datasets provided by LANCE.

Community Engagement Specialists: To foster relationships with local communities and ensure their active participation.

Geospatial Analysts: To interpret satellite data in conjunction with ground reports.

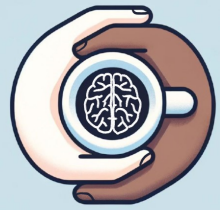
Educators: To create curricula and training programs that leverage LANCE data.

Web and App Developers: To build user-friendly platforms for data access, reporting, and collaboration.


Public Relations and Media Professionals: To promote the initiative and its benefits to a wider audience.

Environmental Scientists: To provide insights into the data's implications for various ecosystems.


Collaborate



# The Project Creator's POV



Open Science Cafe

SearchDashboard

My Projects

Contributor requests


Settings

My Projects

Create project

Sort by name


4 projects



LANCE EarthGuard Initiative

Find contributors

Last updated 10/08/23



Launch of Open Science Cafe in Rome

Find contributors

Last updated 10/08/23

Logout

NASA  
Data

AI  
Capabilities

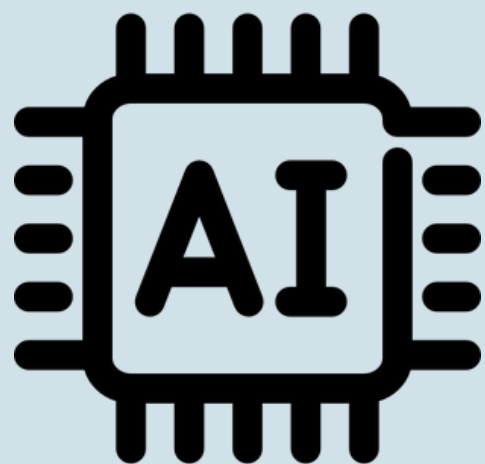


Open Science Cafe

# What We Offer

## SIMPLICITY

The AI Helps You Out!



## *privacy*



Share What You Want,  
With Who You Want!

## TRUST





Open Science Cafe

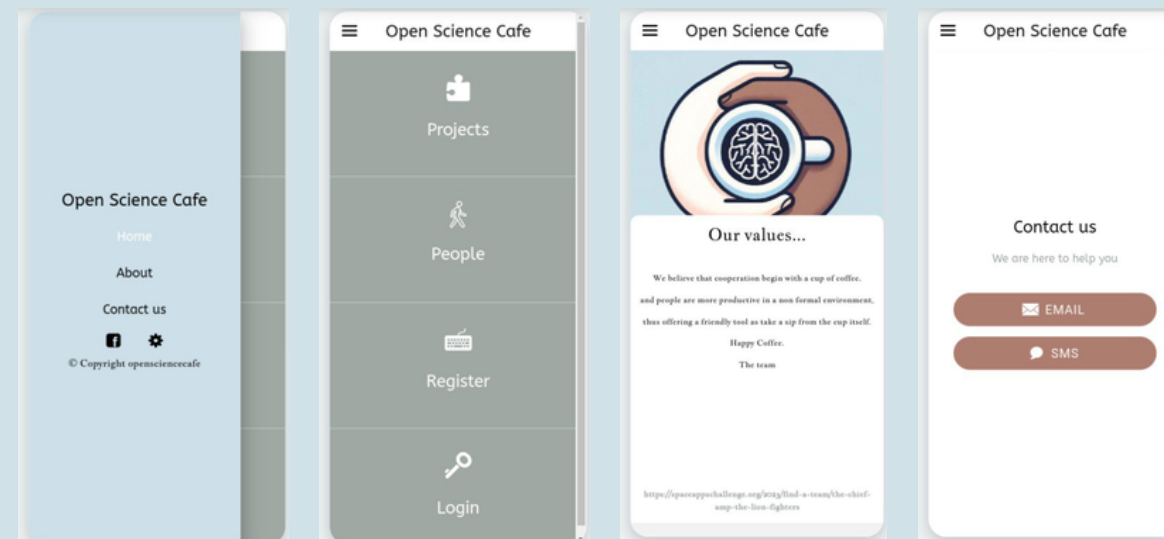
# What's Next?

## New Features

Creators Can Search For Fundings



## Mobile App



# Let's Get Physical!!!







# Lion Astronauts

**Angelo Rossi**

**Edda Del Vecchio**



**Martin Russo**

**Paolo Scarponi**

Any questions? 