



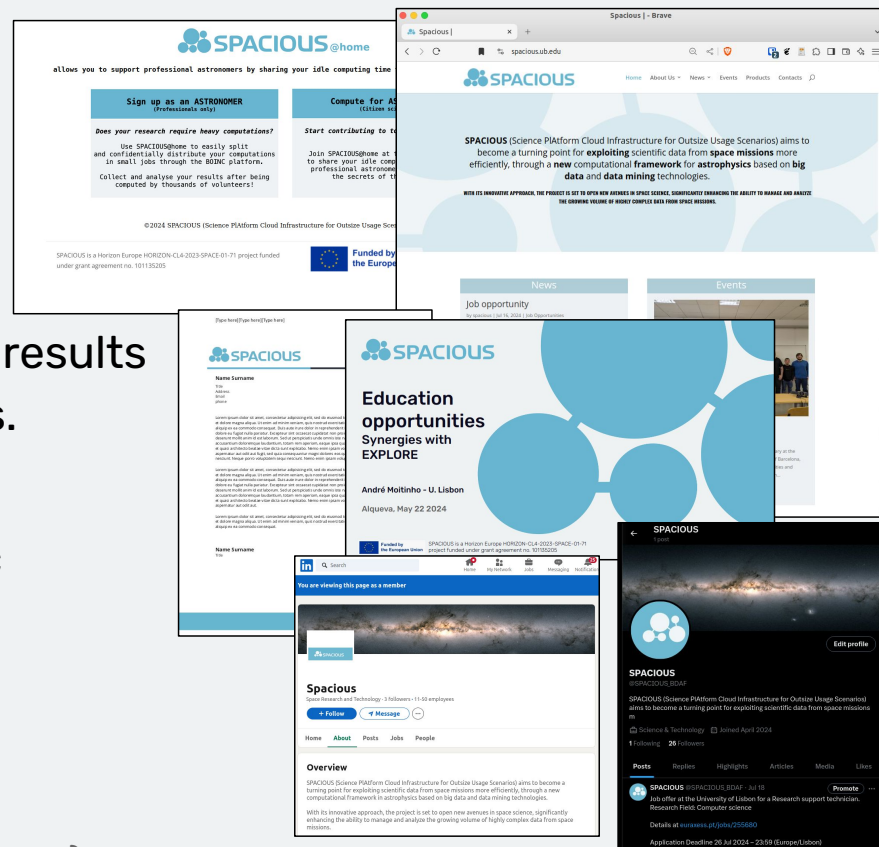
WP7

Communication, Dissemination and Exploitation

André Moitinho - U. Lisbon

WP7 Communication, Dissemination and Exploitation

- Dissemination – present project and results in scientific articles and conferences.
- Community Training – training courses/workshops for the scientific community.
- Communication.
- Exploitation.
- Citizen science (already covered by Toni)



Dissemination – Materials

- **Dissemination materials**

- SPACIOUS Banner: Banner of the project in large format (85 x 200 cm).
- SPACIOUS Brochure: Brochure of the project (A4 bi-fold).
- SPACIOUS Poster: Poster of the project (A0 format).
- Powerpoint Template: A project-aligned PowerPoint template for clear, cohesive presentations.
- Word Template for Deliverables: consistent structure and formatting aligned with project branding.

Dissemination – Papers

Papers published in Open Access:

- “A method based on Generative Adversarial Networks for disentangling physical and chemical properties of stars in astronomical spectra”
Santoveña, R.; Dafonte, C.; Manteiga, M.; 2025, Applied Soft Computing, Volume 174, 112954 <https://doi.org/10.1016/j.asoc.2025.112954>
- “Disentangling stellar atmospheric parameters in astronomical spectra using generative adversarial neural networks – Application to Gaia/RVS parameterisation”
Manteiga, M.; Santoveña, R.; Álvarez, M. A.; Dafonte, C.; Penedo, M. G.; Navarro, S.; Corral, L.; 2025, Astronomy & Astrophysics, Volume 694, A326
<https://doi.org/10.1051/0004-6361/202451786>

Dissemination - Papers

Papers to be published in Open Access:

- Gaia Selection Function with DR3 - Castro-Ginard et al
- Gaia Selection Function with DR3 - Castro-Ginard et al
- External Challenge #1: Deep learning across surveys - de Ridder et al.
- Bottom of Main Sequence Gaia DR4 PVP - Sarro et al
- Star Clusters: Internal Challenge #2 & Gaia DR4 PVP - Castro-Ginard et al
- External Challenge #2: Accelerating Gaia analysis with cloud - Allende et al.
- Internal Challenge #1: Star formation history + IMF. - del Alcazar et al.

- + if extension is granted

Dissemination - Presentations

- Talk delivered at the **Google Cloud Summit** 2025 (22 May, Madrid, Spain).
- Poster presented at European Grid Infrastructure meeting - **EGI2025** (2–6 June, Santander, Spain).
- A poster was presented at the **EAS Meeting** 2025 (23–27 June, Cork, Ireland), in Symposium S15: *"The changing macrocosm of astrophysics: big data, catalogues, machine learning, challenges, and more."*
- Talk at 35th **ADASS** conference (Görlitz, 12 November 2025)
- EAS 2026? DPAC 2026?

Dissemination - Presentations

- Space Astronomy Science Platforms Focus Week, online from 9–12 December 2025.

Four invited talks, presenting current platform capabilities and plans for the coming year:

- The SPACIOUS platform: design features from an end-user perspective
- Gaia visualisation services on the SPACIOUS platform
- Gaia data analysis services on the SPACIOUS platform: GUASOM
- SPACIOUS opportunities in the coming year

Dissemination - Presentations

at national events:

- XIII XoveTIC Congress (A Coruña, 9-10 October 2025): *"Integration of GUASOM into the SPACIOUS computing platform"*
- Red de Explotación de Gaia (REG) meeting in Sevilla (28 – 30 January 2026): half-day session focused on tools for exploiting Gaia Data Releases 3 and 4, with special emphasis on preparing for DR4.
- Observatorio Astronómico de Santana, Açores: Outreach talk on the Milky Way, Gaia, and Big Data
- Arrábida Encounters on Complexity (2026: Big Data): Astronomically Complex

Community Training

- Gaia DPAC meeting held in Cambridge (April 2025).
 - Two of the science verification papers for Gaia DR4 will use SPACIOUS.
- Space Astronomy Science Platforms Focus Week, took place online from 9–12 December 2025.
 - Hands on activities
- more?

Communication

The “making of” the SPACIOUS brand

Spacious Black:

HEX: 141419
RGB: r 20, g 20, b 25
cmk: c 75.77, m 69.85, y 62.19, k 78.8



Spacious Dark Blue:

HEX: 141524
RGB: r 20, g 21, b 36
cmk: c 83.2, m 77.04, y 55.24, k 72.18



Spacious Blue:

HEX: 67B5D0
RGB: r 103, g 181, b 208
cmk: c 56.8, m 12.15, y 11.97, k 0



Spacious White:

HEX: EEF2F4
RGB: r 238, g 242, b 244
cmk: c 5.17, m 1.96, y 2.22, k 0



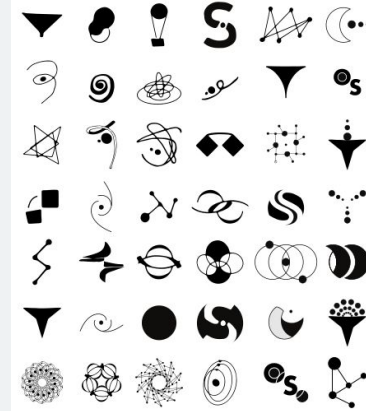
Colors

Spacious Black, Spacious Dark Blue, Spacious Blue, Spacious White

Whenever possible, SPACIOUS logo should be blue. Default to Spacious Dark Blue when possible for a dark color to contrast with spacious blue and spacious white.

Additional colors are not permitted for logo design.

Below are preferable color usages:

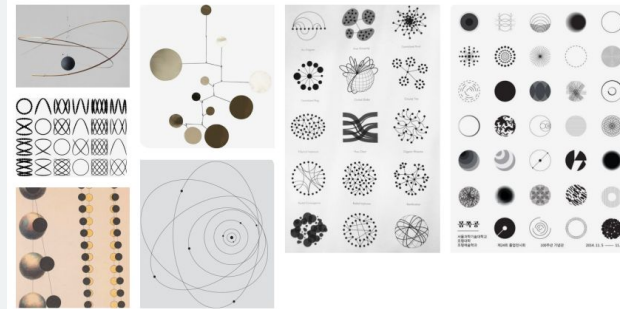


**SPACIOUS
SPACIOUS
SPACIOUS
SPACIOUS
SPACIOUS
SPACIOUS**

Sans Serif type for a modern, clean, and bold appearance

Journey

Digital Sketches
Funnel Concept
Venn Diagram (connection)
Linking dots
Galaxy
Mathematics
Typography



INSPIRATION

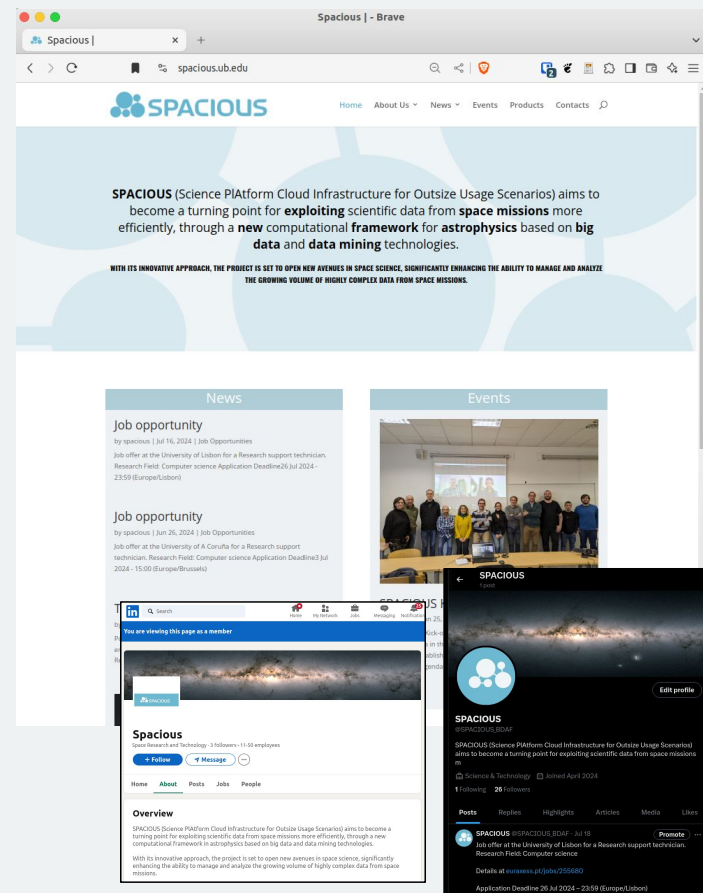
Universe
Big Data
Galaxy
Technology
Science
Intelligent
Computing
Speed
Accuracy
Connection
Expansive
Future
Awe



Communication

Main channels

- Web portal: description, objectives, announcements, access to results, tools and outreach material.
- Social Media: LinkedIn, X.
- Emails to communities (societies, etc)
- Community Management: **Videos**, interviews.



Communication

- **Activities for schools:** SPACIOUS as an entry point to Big Data and data mining cloud computing for young students. for different school levels.
 - Contacts established with [GHoU](#), [COSPAR](#), [GTTP](#)
 - Two presentations at ERASMUS+ projects ([EXPLORE](#) and [StAnD](#))
 - [ERASMUS+ Virtual Exchange](#) project accepted: *SPACEDIVE - Space Data for Intercultural Dialogue and Diversity*.
Euro-Mediterranean region incl. Portugal, Greece, Turkey, Lebanon, Jordan, Syria, Tunisia, Morocco, Algeria, Egypt
 - Presentation at Escola Secundária da Ribeira Grande, São Miguel, Azores
- SPA meeting 2026: Beyond Dissemination - Building Educational Legacies from Scientific Research (From SPACIOUS to SPACEDIVE) - Aimed at scientists, educators and science managers

Communication

NEWS I (site + LinkedIn and X)

- 24 Apr 2026 – SPACIOUS deployed at the BSC
- 13 Mar 2026 – SPACIOUS legacy continues in SPACEDIVE Erasmus+ project
- 12 Mar 2026 – SPACIOUS spotlighted at Gaia DR3/DR4 data exploitation meeting
- 28 Feb 2026 – SPACIOUS Selection of First Community-Led Challenges
- 20 Feb 2026 – SPACIOUS at ADASS 35
- 21 Nov 2025 – Space Astronomy Science Platforms Focus Week: 9–12 December 2025
- 20 Nov 2025 – Three New Advanced Analysis Tools Now Available on SPACIOUS
- 19 Sep 2025 – SPACIOUS at the European Researcher's Night

Communication

NEWS II

- 23 Jul 2025 – SPACIOUS Now Running on Google Cloud!
- 30 Jun 2025 – First SPACIOUS Scientific Results Presented at the EAS Annual Meeting!
- 10 Jun 2025 – SPACIOUS Poster Presented at EGI2025 – Santander
- 5 Jun 2025 – SPACIOUS Presented at Google Cloud Summit 2025 – Madrid
- 20 Mar 2025 – SPACIOUS@home: Help Explore the Universe from Home
- 25 Jan 2024 – SPACIOUS says “Hello World”

Communication

NEWS - Events

- 22 Sep 2025 – SPACIOUS Open Call to the Community (Extended Deadline: 30 November 2025) Spacious
- 25 Jul 2025 – SPACIOUS Initial Call for Early Test Users Spacious
- 16 Jun 2025 – SPACIOUS Midterm Meeting Spacious
- 13 Dec 2024 – SPACIOUS Platform Kick-Off Meeting – meeting held 20–22 November 2024 at BSC. Spacious
- 25 Jan 2024 – SPACIOUS Kick-Off Meeting – meeting held 23–24 January 2024 at ICCUB/University of Barcelona.

Communication

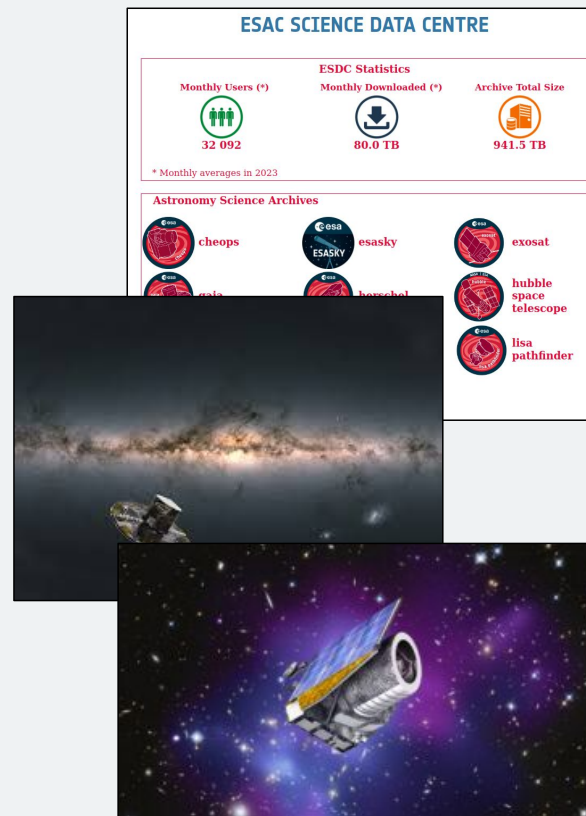
NEWS - Press clipping

- External science-news distribution: 14 Dec 2023 – EurekAlert! / AAAS - “Exploring the universe with new technologies to manage big data”
- Partner/institutional news coverage: at least 4 distinct placements/events - UB, ICCUB, IEEC launch coverage, and CITIC's 2025 mid-term story. UB/ICCUB/IEEC largely derive from the same launch press release.
- EU/institutional reporting visibility: CORDIS factsheet, periodic report, results pages, IEEC annual reports.

Some thoughts: SPACIOUS (as most projects) has good institutional/scientific-community web visibility, but comparatively little independent press/media pickup

Exploitation

- SPACIOUS scientific challenges are underway. One completed (clusters)
 - Producing high level data products that will be made available to the community.
 - Includes products that will be presented in Gaia DR4 performance verification papers.
- High resolution HiPS adopted by ESASky
- Visualisation developments being adopted in GAVS
- more?



Next

- Update News on website + social media
- Collect missing DEC outputs from all
- Tutorials visible on website
- Video(s)
- Advertise SPACIOUS + DR4