



HPC ALLIANCE FOR APPLICATIONS AND SUPERCOMPUTING INNOVATION: THE EUROPE - JAPAN COLLABORATION



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EuroHPC
Joint Undertaking

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D3.1

High-level events and travel grants- First-year

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☐	EU-RES. Classified Information: RESTREINT UE (Commission Decision 2005/444/EC)
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Version History

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0.1	01.02.2025	Hanna Pawlowska	First draft
0.2	16.02.2025	Amalia Hafner Edouard Audit Paula Cristina Rodrigues	Second draft
0.3	18.02.2025	Hanna Pawlowska	Integration of final comments
1.0	20.02.2025	France Boillod-Cerneux	Finalize the document for EHPC portal submission.

Glossary of Terms

Item	Description
AI	Artificial Intelligence
HLS	High-Level Symposium
HPC	High-Performance Computing

Executive Summary

The first HANAMI High-Level Symposium, a three-day event which took place in Barcelona between 13-15 January 2025, focused on advancing High-Performance Computing for solving global challenges in the framework of the EU-Japan collaboration. The symposium featured keynote presentations and interactive discussions, providing a platform to strengthen synergies and shape the future of science and technology through EU-Japan cooperation in the fields of Climate Modelling, Biomedical Applications, and Material Sciences. The event gathered young and senior researchers from European and Japanese organisations.

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1.Introduction

Within HANAMI, WP 3, “Scientific and technology networking and community building”, consists of key actions fostering technological and scientific networking between high-level European and Japanese researchers. The goal is to strengthen and bring more visibility to existing collaborations and to strongly support the development of new collaborations with high-added value. One of the tasks within WP3 is the organisation of three yearly high-level symposia.

This report describes the first symposium, which took place in Barcelona from 12-15 January 2025. The partner in charge of organising the first high-level symposium was the Barcelona Supercomputing Center (BSC-CNS), in close collaboration with WP1, WP2, and WP7 coordinators (CEA, INESC TEC, and CSC, respectively). Moreover, WP4, WP5, and WP6 collaborated in the symposium organisation by defining the parallel scientific tracks’ programmes and identifying keynote speakers.

In addition to the symposium, we provide in the next section a description of how the travel grant budget was distributed among the various partners and WP and its first use.

2.Travel grants

In order to foster and support the scientific collaborations between Japanese and European researchers, the HANAMI consortium has a significant amount of resources dedicated to travel grants. This budget (200k€) was initially positioned at CEA but it is of course meant to support all the HANAMI partners. These grants will promote and support visits and stays of European scientists and engineers to Japan, especially for long-term stay allowing joint work.

WP3 has therefore organized an internal call within the HANAMI Consortium in order to attribute these travel grants. The original idea was to extend the scope of HANAMI and maximize its impact by attributing part of the support to research teams outside the consortium, but since this not possible within the current regulation, the call was restricted to members of the project.

The call was sent to all the HANAMI partners in the form of an online survey asking for:

- the name, institution and position of the applicant
- the WP
- the entity visited in Japan and the name of the researchers visited
- the date and the duration of the travel
- a short description of the scientific purpose of the visit.
- the budget needed and the possibility to leverage co-financing

All the proposal were reviewed and validated by the corresponding Hanami WP leader. A committee was then responsible for evaluating all the applications and allocating the grants since the total budget asked by the proposals exceeded by 50% the available budget. It was

composed of 3 persons from WP3, 2 persons for WP4, 5 and 6 and one person from WP1. The committee paid particular attention to:

- Ensuring that the visit is fully related to collaborations within the HANAMI consortium
- Maintaining a proper balance between WPs and institutions
- Promoting long-term stay dedicated to joint work.

After discussions within the committee, the following amount was attributed:

WP3	WP4	WP5	WP6	WP7
12k€	70k€	27k€	45k€	42k€

We present here global amount by WP, but all the budget is allocated to specific and well describe travels.

Once these allocations are done, each partner is able to perform the authorized travels. They will be reimbursed by CEA through amendments of the grant agreement at M18 and M36. It is important to note that only the travels actually done will be reimbursed.

We have plan to make a first assessment of how the travel grants were actually spend at M18 in order to eventually reallocate unspent money among the partners/WP.

All the scientists/engineers that have been supported by Hanami are committed to provide a short report of their stay in Japan. These reports as well as a detailed list of the travels will be provided in another deliverable.

3.The Symposium

3.1 Objectives and Purpose

The main purpose of the first HANAMI high-level symposium was to foster networking between European and Japanese researchers. With this main aim, the symposium objectives revolved around sharing the work carried out within WP4, WP5, and WP6 regarding benchmarking, application optimisation and portability, as well as complex workflows mixing High-Performance Computing (HPC) and Artificial Intelligence (AI) on EuroHPC and Japanese supercomputers. In addition, researchers from both regions were able to explore common interests in their respective scientific fields and new potential collaboration opportunities. Furthermore, symposium participants were able to identify transversal topics of interest, which are relevant to the three HANAMI scientific pillars. Finally, the symposium aimed to contribute to the discussion on the sustainability of the EU-Japan collaboration, by stressing additional activities such as researchers' mobility, funding opportunities, and international initiatives in which both regions actively participate.

3.2 Logistics

The partner in charge of organising the first high-level symposium was the Barcelona Supercomputing Center (BSC-CNS), in close collaboration with all WP coordinators. BSC decided on the venue to hold the event and provide accommodation for non-local participants, the Hotel Ciudad de Castelldefels. The organisers considered this venue to be very convenient because it was very close to the Barcelona airport, it offered all necessary meeting spaces and technical support to hold the event, as well as accommodation and catering services for participants. The co-located activities organised around the symposium were also held in the same venue.

BSC defined the symposium as a hybrid event, ensuring all collaborators (current and potential) would be able to participate. BSC therefore set up online meetings for each of the sessions and ensured the necessary on-site technical support.

3.3 Agenda

The first high-level symposium was a three-day invitation-only hybrid event. The symposium started on Sunday, 12 January 2025, with a welcome reception. The introductory plenary took place on Monday 13 January, with keynote talks by six senior researchers proposed by HANAMI scientific pillars. Each pillar contributed two invited speakers: one from Europe and one from Japan.

The introductory plenary covered the three scientific pillars in HANAMI, starting with Daniel Klocke, discussing global Earth system modelling at 1 km resolution, followed by Prof. Masaki Satoh's insights on supercomputing for climate extremes and satellite observations. After a Questions and Answers session (Q&A), Emmanuel Barillot, explored AI applications in oncology, and Rio Yokota, addressed scaling laws in HPC and AI. After another Q&A session, topics included Núria López's exploration of AI in materials for energy and Koichi Yamashita's insights on computational science for photo energy conversion materials. The biographies of the keynote speakers are given in paragraph 2.4

During the afternoon of Monday 13 January and Tuesday 14, there were three breakout sessions: one per scientific pillar. Attendees chose between the Climate modelling, Biomedical applications, and Materials Science tracks. These breakout sessions are described in the section "Parallel Tracks" below. Finally, on Wednesday 15 January, all participants gathered for the final plenary, where four keynote speakers -three from Europe and one from Japan- addressed transversal topics, focusing on AI and Machine Learning.

The full version of the agenda can be found at: <https://hanami-project.com/wp-content/uploads/2025/01/AGENDA-High-Level-Symposia-7.pdf>.

3.3.1. Co-located activities

The HANAMI consortium leveraged the organisation of the first high-level symposium to hold co-located activities that benefited from the on-site presence of several partners and external collaborators.

- The HANAMI Steering Board meeting #2 (hybrid): Monday 13 January.
- The HANAMI General Assembly (hybrid): Wednesday 15 January.
- The First HANAMI Sustainability workshop (online): Thursday 16 January.
- The CEA-RIKEN School (on-site): Wednesday 15 – Friday 17 January.

3.4 Keynote speakers

WP3 coordinators proposed to count on the scientific pillars' suggestions to identify keynote speakers to participate in the introductory and final plenaries of the symposium.

For the introductory plenary, each pillar coordinators were asked to identify six potential speakers from their scientific field: three from Europe and three from Japan, catering for gender balance. WP3 invited the speakers in the order proposed by the pillars. Some invited speakers declined the invitation due to conflicting schedules. The final list of keynote speakers was the following (short bios of all speakers can be found [here](#)):

- **WP4** – Climate modelling track
 - **Masaki Satoh** (The University of Tokyo/Yokohama National University)
 - **Daniel Klocke** (Max Planck Institute for Meteorology)
- **WP5** - Biomedical applications track
 - **Emmanuel Barillot** (Institut Curie)
 - **Rio Yokota** (Institute of Science Tokyo)
- **WP6** - Materials Science track
 - **Núria López** (Institute of Chemical Research of Catalonia, Tarragona)
 - **Koichi Yamashita** (Yokohama City University)
- **Final Plenary session**
 - **Mohamad Wahib** (RIKEN Center for Computational Science)
 - **Peter Dueben** (European Centre for Medium-Range Weather Forecasts)
 - **Alfonso Valencia** (Barcelona Supercomputing Center)
 - **José Hugo García** (Catalan Institute of Nanoscience and Nanotechnology)

3.5 Parallel tracks

- **Climate modelling:** The scientific track organised by WP4 began with Mario Acosta introducing the session and the ongoing collaborations and plans within HANAMI for WP4. Then, Kai Keller discussed Earth system model workflow interfaces, while Joachim Biercamp covered high-performance climate and weather benchmarks. Piotr Dziekan presented on LES (Large Eddy Simulation) modelling, exploring advances in this area. After a break, the focus shifted to ocean and atmospheric modelling, with Miguel Andrés-Martínez delving into the HPC aspects of the FESOM ocean model, and Stella Paronuzzi providing insights into the HPC perspective within the EDITO project. The second day included a wide range of technical discussions, beginning with Shin-ichiro Shima and Hisashi Yashiro exploring advances in atmospheric modelling with NICAM and Fugaku. Leo Arriola and Miguel Castrillo presented automation and reproducibility workflows for NICOCO using Autosubmit. Later, David Guibert conducted sessions on HPCW workshops, followed by internal WP4 discussions on the current project status and plans. After the lunch break, the focus turned to replicability in Earth system models presented by Marta Alerany, and the application of machine learning for reconstructing historical land surface boundary conditions by Amirpasha Mozaffari. The day concluded with a wrap-up session summarizing insights and outcomes.
- **Biomedical applications:** In this parallel track, WP5 coordinators conducted a session dedicated to the mathematical modelling of biological problems across multiple scales, ranging from cellular dynamics to molecular interactions between proteins. This session involved Japanese partners and some invited international speakers, including Anna Niarakis and Roman Bauer. These discussions were pivotal for advancing the technical objectives outlined in the WP5, leveraging the expertise of our collaborators.

The session began with a presentation on benchmarking multiscale tools for simulating cell populations. This initiative, designed as a collaborative effort among tool developers, is expected to have a significant impact in the mid-term, helping the research community to share and design new standards to improve the interoperability and reproducibility of tested computational frameworks. Given the high computational demands of these tools, a key project goal is their optimization for deployment on European supercomputers like MareNostrum5, as well as Japanese systems such as Fugaku. We then explored integrating diverse molecular pathway models, including metabolic and signalling pathways represented by Boolean networks, into cellular simulations. Discussions emphasized the computational challenges posed by these

modelling approaches and examined strategies for optimizing code and scaling them to tackle more realistic scenarios in biomedicine.

Finally, WP5 Japanese collaborators, Ai Shinobu and Elisa Dominguez from the PRIME Institute in Osaka, presented the strengths and limitations of molecular dynamics techniques. These computational simulation methods, traditionally used in biology to analyze the physical movements of atoms and molecules, offer valuable insights into protein networks from both experimental and computational perspectives. This approach will allow us to quantify the effects of critical mutations in cancer observed in protein sequences and assess their influence on cellular behaviour and tissue architecture. This strategic collaboration fosters synergy between the main objectives of Projects 1 and 2 within our WP5, also promoting deeper integration between European and Japanese efforts. Given the significant computational requirements, optimizing these tools for current supercomputers in both regions will be a priority, evaluating how accelerators such as GPUs could help to tackle more complex use cases. Additionally, it sets the stage for co-developing between European and Japanese advanced computational tools to address the described goals, which is one of the main objectives of HANAMI.

- **Material Science:** On Monday, January 13th, the WP6 Materials Science track explored the role of high-performance computing in accelerating discovery through advanced computational tools and libraries. The session began with an overview of the SIESTA code by A. Garcia, highlighting its features and performance in materials modelling. M. Casula discussed optimizing wave functions in quantum Monte Carlo simulations, followed by K. Nakano, who introduced a new force calculation method integrated with machine-learning potentials. D. Varsano presented the Yambo code, emphasizing its performance and applications in materials science. After the break, A. Pecchia introduced the libNEGF library, designed for non-equilibrium Green's function calculations. L. Genovese showcased a case study on HIV-1 drug resistance using interoperable workflows on heterogeneous supercomputers, and X. Wu detailed advancements in the ChASE eigensolver on GPUs, with a final demonstration by C. Richefort integrating ChASE into the Yambo code for enhanced functionality.

On Tuesday, January 14th, the sessions began with a focus on numerical techniques and their future in materials science, with T. Imamura exploring next-generation eigenvalue solvers and W. Dawson discussing methods to reduce precision requirements in electronic structure calculations. Later, the focus shifted to energy materials, where E. Artacho examined radiation damage in nuclear materials through first-principles simulations, and R. Rurali outlined the pathway from ferroelectrics to photophononics. M. Otani and P. Ordejon

presented hybrid approaches for modelling electrochemical interfaces, while N. Wittemeier highlighted upcoming features in SIESTA for simulating advanced materials. G. Giorgi concluded the morning by exploring the electronic and optical properties of lead-free halide perovskites. The afternoon delved into specialized material studies, including K. Yamashita's work on defects in perovskites, C. Borghesi's analysis of charge transfer mechanisms in luminescent materials, A. Raghav's investigation into the superconducting properties of lanthanum hydride, and M. Cherubini's detailed examination of sulfur hydride's phase diagram and anharmonic phonons.

3.6 Attendees

The first HANAMI High-Level Symposium was a hybrid event, offering participants the possibility to connect remotely and attend all sessions. However, most of the participants (76%) were on-site.

Scientific track	On-site participants	Online participants	Total
WP4 – Climate modelling	22	11	33
WP5 – Biomedical applications	16	6	22
WP6 – Materials Science	24	4	28
Coordinators & organisers	7	-	7
Total	69	21	90

Table 1. HANAMI symposium participants per participation mode

Regarding the participants' gender distribution, the HANAMI consortium considers there is room for improvement. Despite the efforts carried out by WP leaders towards achieving a good gender balance, 27% of participants were female, while 73% were male. The gender imbalance was more prominent in the Materials Science track (12% of female participants) than in the Climate modelling track (32% of female participants) and the Biomedical Applications track (47% of participants), reflecting the overall gender distribution in the respective scientific fields. This issue, and proposed mitigation measures in view of the future symposia, were addressed by the Steering Board members when they met on Monday, 13 January.

Scientific track	Female	Male	Total
WP4 – Climate modelling	8	25	33
WP5 – Biomedical applications	7	15	22
WP6 – Materials Science	3	25	28
Coordinators & organisers	6	1	7
Total	24	66	90

Table 2. HANAMI symposium participants per gender

As per the symposium participants' provenance, the HANAMI consortium considers this first event highly satisfactory. The symposium counted four keynote speakers from Japan (out of ten speakers in total) and a good representation of Japanese colleagues at the scientific tracks, almost 22% of participants. The active participation of Japanese researchers at the event shows that the scientific collaborations fostered by HANAMI are well established, encouraging Japanese organisations to devote resources to support their researchers travelling to Europe. Furthermore, the HANAMI consortium leveraged the co-located CEA-RIKEN school as an additional incentive for Japanese researchers to attend the symposium on-site. The theme of the CEA RIKEN school was Kokkos for scientific computing with presentation from both CEA and RIKEN speakers as well as hands-on session.

Scientific track	Europe	Japan	Total
WP4 – Climate modelling	25	8	33
WP5 – Biomedical applications	16	6	22
WP6 – Materials Science	22	6	28
Coordinators & organisers	7	-	7
Total	70	20	90

Table 3. HANAMI symposium participants by region

3.7 Dissemination strategy and results

The dissemination strategy was designed by WP2 and led by INESC TEC. This dissemination strategy considered the following communication tools and actions:

Communication Tool	Communication Action
Digital Marketing	Website
	Social media channels
Advertising	Merchandising products
	Communication materials
	Badges
Public Relations	Media
	News articles
Direct Marketing	Newsletters

Table 4. Communication tools and actions

Since this event was invitation-only, the registration form was not available through the HANAMI communication channels. The link to register was sent to invited participants by email.

The following sections address the dissemination actions before and after the event.

- Dissemination actions before the event

Event page

A specific event page was created in the Events section on the HANAMI website. This page was created in September 2024, and during the past months, it was updated with the information provided by the HANAMI symposium organisation team.

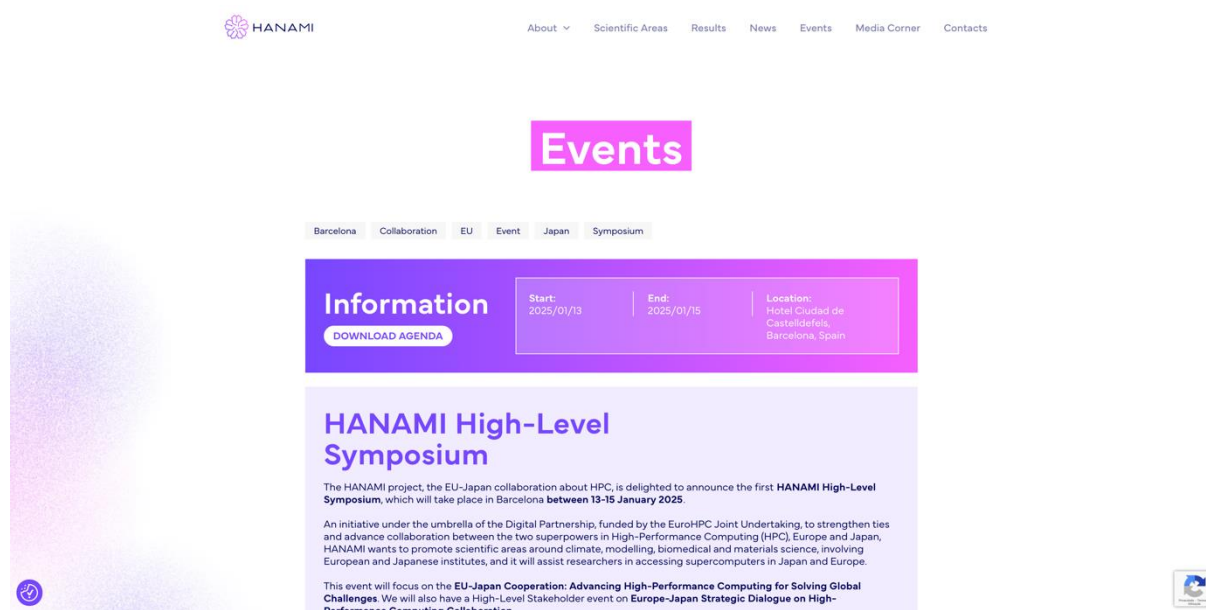
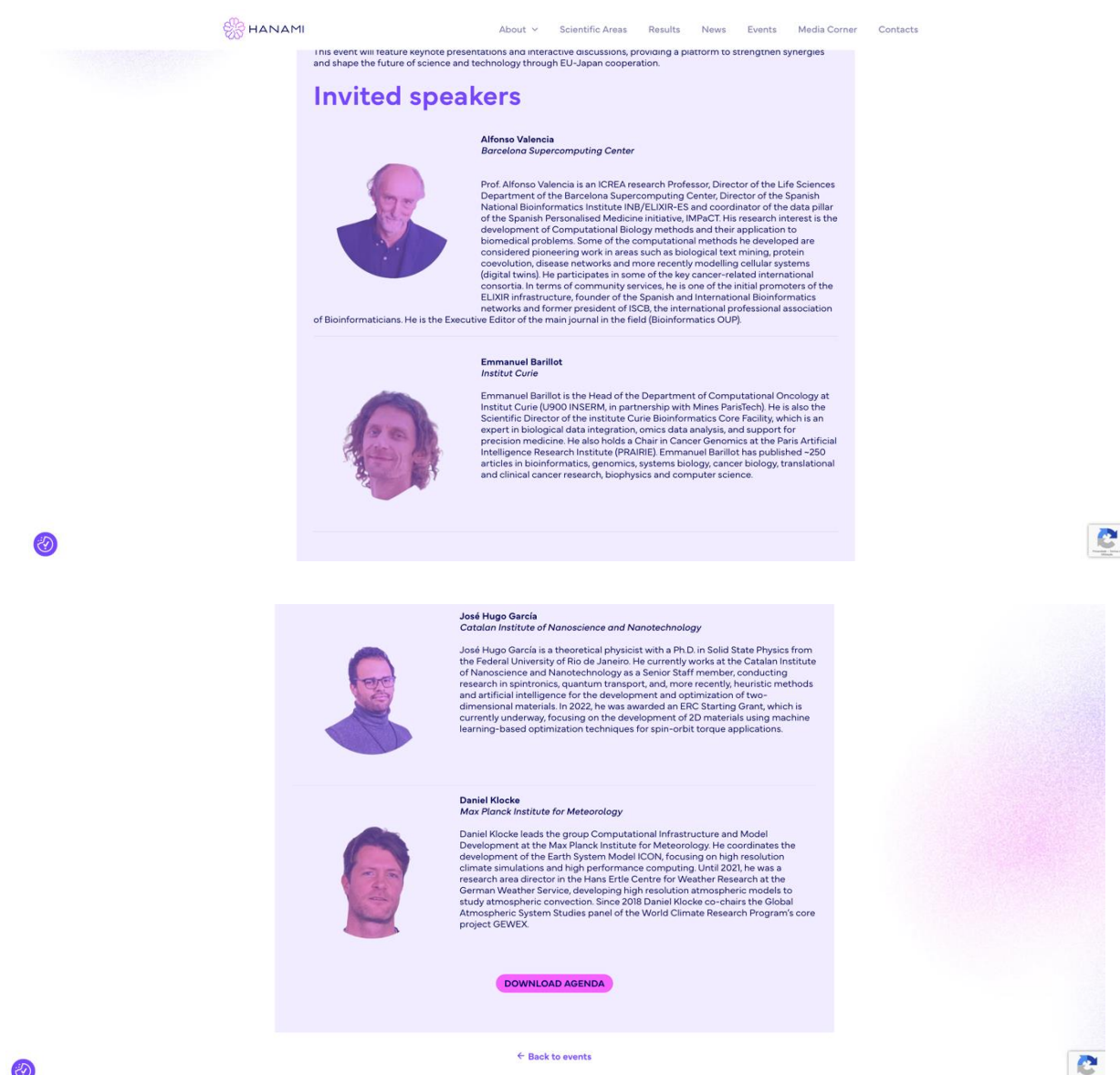


Figure 1 - Event page of the HANAMI Symposium

This page has general information about the event, presents all the invited speakers of the symposium, and displays the agenda, which is available for download.



The screenshot displays the HANAMI website's 'Invited speakers' section. At the top, a navigation bar includes links for 'About', 'Scientific Areas', 'Results', 'News', 'Events', 'Media Corner', and 'Contacts'. Below the navigation bar, a purple banner reads: 'This event will feature keynote presentations and interactive discussions, providing a platform to strengthen synergies and shape the future of science and technology through EU-Japan cooperation.'

The 'Invited speakers' section is titled in large purple font. It lists four speakers, each with a circular portrait and a brief biography:

- Alfonso Valencia**
Barcelona Supercomputing Center
Prof. Alfonso Valencia is an ICREA research Professor, Director of the Life Sciences Department of the Barcelona Supercomputing Center, Director of the Spanish National Bioinformatics Institute INB/ELIXIR-ES and coordinator of the data pillar of the Spanish Personalised Medicine initiative, IMPACT. His research interest is the development of Computational Biology methods and their application to biomedical problems. Some of the computational methods he developed are considered pioneering work in areas such as biological text mining, protein coevolution, disease networks and more recently modelling cellular systems (digital twins). He participates in some of the key cancer-related international consortia. In terms of community services, he is one of the initial promoters of the ELIXIR infrastructure, founder of the Spanish and International Bioinformatics networks and former president of ISCB, the international professional association of Bioinformaticians. He is the Executive Editor of the main journal in the field (Bioinformatics OUP).
- Emmanuel Barillot**
Institut Curie
Emmanuel Barillot is the Head of the Department of Computational Oncology at Institut Curie (U900 INSERM, in partnership with Mines ParisTech). He is also the Scientific Director of the institute's Curie Bioinformatics Core Facility, which is an expert in biological data integration, omics data analysis, and support for precision medicine. He also holds a Chair in Cancer Genomics at the Paris Artificial Intelligence Research Institute (PRAIRIE). Emmanuel Barillot has published ~250 articles in bioinformatics, genomics, systems biology, cancer biology, translational and clinical cancer research, biophysics and computer science.
- José Hugo García**
Catalan Institute of Nanoscience and Nanotechnology
José Hugo García is a theoretical physicist with a Ph.D. in Solid State Physics from the Federal University of Rio de Janeiro. He currently works at the Catalan Institute of Nanoscience and Nanotechnology as a Senior Staff member, conducting research in spintronics, quantum transport, and, more recently, heuristic methods and artificial intelligence for the development and optimization of two-dimensional materials. In 2022, he was awarded an ERC Starting Grant, which is currently underway, focusing on the development of 2D materials using machine learning-based optimization techniques for spin-orbit torque applications.
- Daniel Klocke**
Max Planck Institute for Meteorology
Daniel Klocke leads the group Computational Infrastructure and Model Development at the Max Planck Institute for Meteorology. He coordinates the development of the Earth System Model ICON, focusing on high resolution climate simulations and high performance computing. Until 2021, he was a research area director in the Hans Ertle Centre for Weather Research at the German Weather Service, developing high resolution atmospheric models to study atmospheric convection. Since 2018 Daniel Klocke co-chairs the Global Atmospheric System Studies panel of the World Climate Research Program's core project GEWEX.

Below the speakers, there is a purple button labeled 'DOWNLOAD AGENDA' and a link '← Back to events'.

Figure 2 - Invited speakers and agenda details

Between September 2024 and February 15, 2025, this page had 526 unique page views and is the second most visited page of the website.

Social media channels

Regarding social media posts, the HANAMI symposium was disseminated on LinkedIn, X, and Bluesky before the event.

- **LinkedIn**

HANAMI Project
108 followers
3w · 🌐

🔔 We are kicking off 2025 with the first HANAMI High-Level Symposium in Barcelona!

📖 Leading scientists will tackle global challenges through High-Performance Computing (**#HPC**). From climate modelling to biomedical breakthroughs, we're shaping the future of science through unprecedented access to Europe-Japan supercomputing resources.

📺 Stay tuned as we announce our distinguished speakers from Europe and Japan's leading research institutions!

📄 More info: <https://lnkd.in/dXsIA-Xm>

#HPC #Supercomputing #HighPerformanceComputing #ComputationalS



HANAMI High-Level Symposium
JANUARY 13-15, 2025 | BARCELONA

👤 with IMD-2 Forschungszentrum Jülich a...

👍 22 3 reposts

👍 Like 💬 Comment 🔄 Repost

HANAMI Project
108 followers
3mo · 🌐

🔔 New event alert!

📖 The main objective of the **#HANAMI** project is to promote ...more



HANAMI
EU-Japan Alliance in HPC

High Level Symposium event on EU-Japan Collaboration in High-Performance Computing
JANUARY 13-15, 2025 | BARCELONA

Funded by the European Union

👍 18 3 reposts

👍 Like 💬 Comment 🔄 Repost

HANAMI Project
108 followers
1w · 🌐

We're thrilled to unveil more of our distinguished speakers for the upcoming HANAMI Symposium in **#Barcelona** next week! ...more



HANAMI
EU-Japan Alliance in HPC

Document player for: HANAMI HLS Speakers

High-Level Symposium
JAN 13-15, 2025 | BARCELONA

MOHAMAD WAHIB
RIKEN Center for Computational Science

Team Leader of the "High Performance AI Systems Research Team" at RIKEN R-CCS, Japan. His work focuses on high-performance programming systems for HPC and AI, including AI-driven science and scientific frameworks.

👍 10 2 reposts

👍 Like 💬 Comment 🔄 Repost

HANAMI Project
108 followers
2w · 🌐

🔔 We're thrilled to announce some of the renowned speakers joining us at the HANAMI High-Level Symposium in **#Barcelona**. ...more



HANAMI
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High-Level Symposium
JAN 13-15, 2025 | BARCELONA

ALFONSO VALENCIA
Barcelona Supercomputing Center

ICREA Research Professor and Director of Life Sciences at the Barcelona Supercomputing Center. A leader in computational biology, he works on digital twins, disease networks, and cancer research. He also leads INB/ELIXIR-ES and edits Bioinformatics.

👍 9 3 reposts

👍 Like 💬 Comment 🔄 Repost

Figure 3 – LinkedIn posts before the event

- **X**

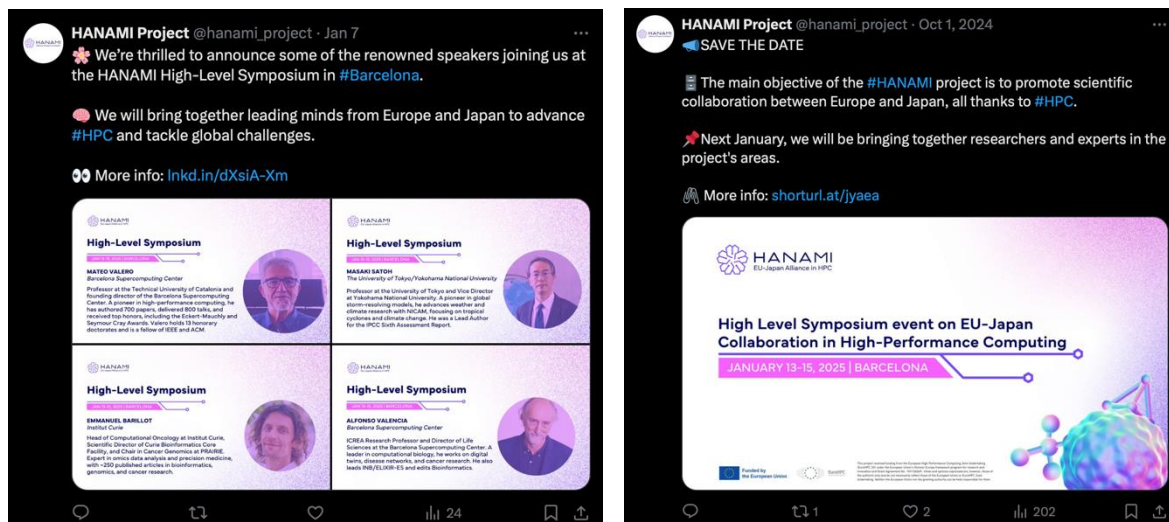


Figure 4 - X posts before the event

- **Bluesky**



Figure 5 - Bluesky post before the event

The seven social media posts before the event got more than 70 reactions.

Merchandising products, communication materials and badges

Different merchandising materials were produced for the HANAMI symposium, such as bags, notebooks, pens, stickers, flyers, and badges.



Figure 6 - Merchandising products



Figure 7 – Banner

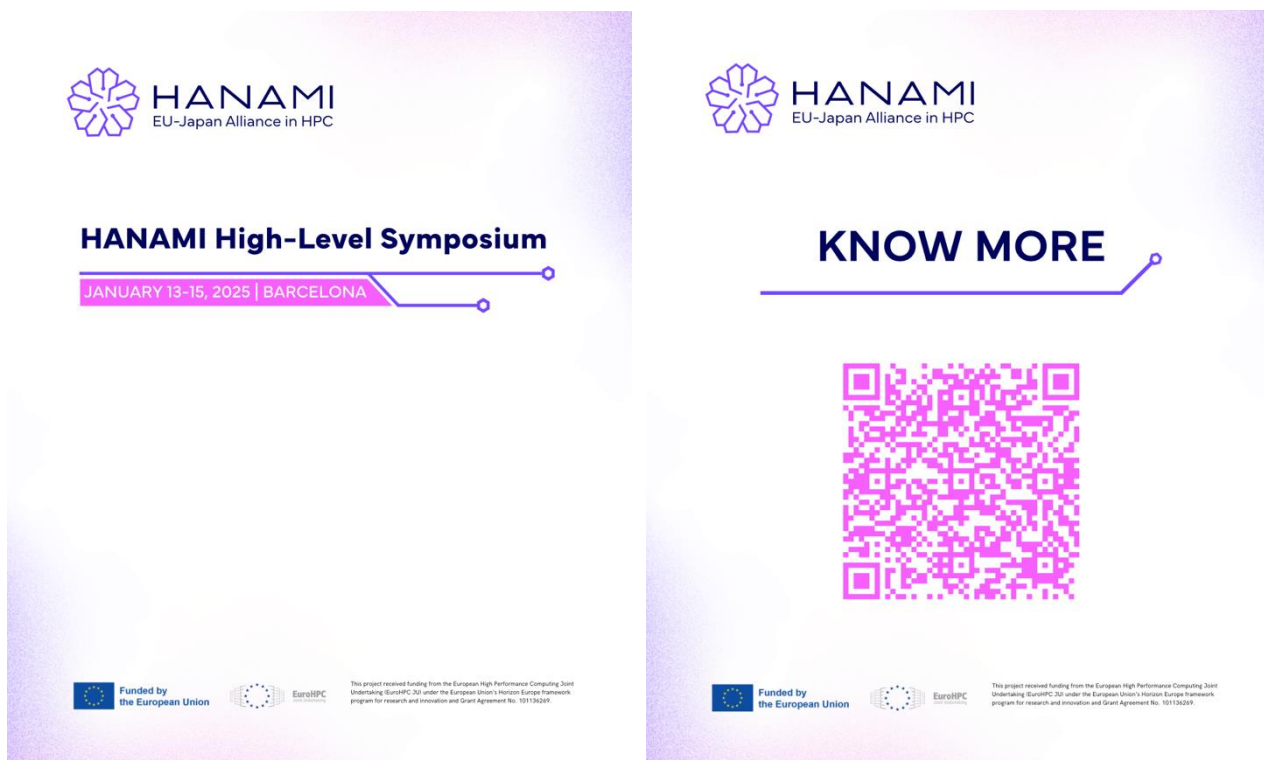


Figure 8 – Badges template

Newsletters

After the event, the HANAMI symposium was mentioned in two newsletters.



Figure 9 - Newsletter with the HANAMI symposium "Save-the-date"

This newsletter can be read [here](#).

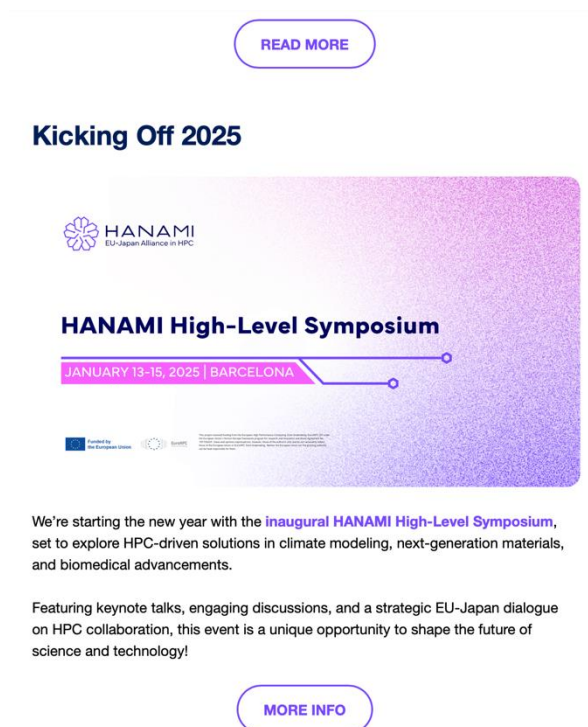


Figure 10 – Newsletter mentioning the HANAMI symposium

This newsletter can be read [here](#).

Other actions

The HANAMI Symposium was also disseminated through different contacts and communities interested in this field.



Figure 11 - EU-Japan Centre dissemination

- Dissemination actions after the event

Event page

After the event, the event page on the HANAMI website was updated with some photos of the event and a recap video.

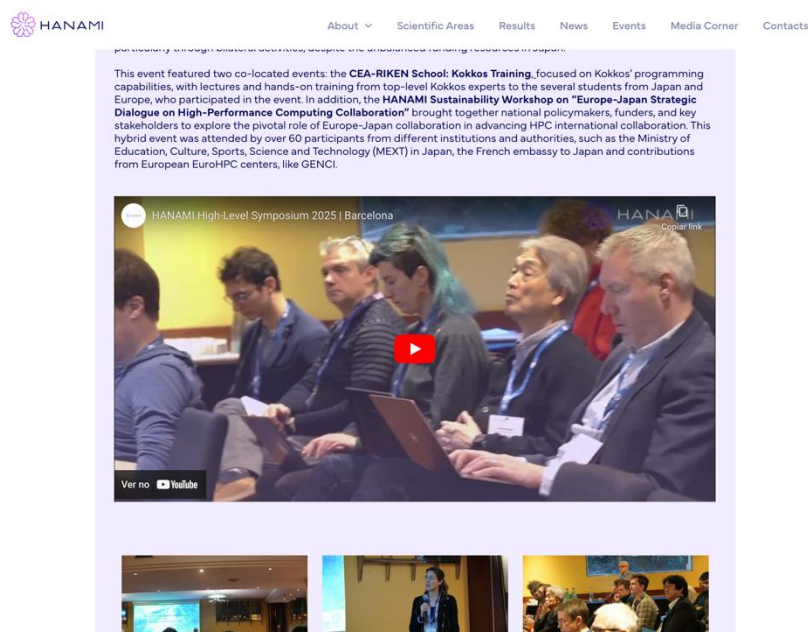


Figure 12 - Video



Figure 13 - Photos

News

A news piece about the event was published on the HANAMI website.

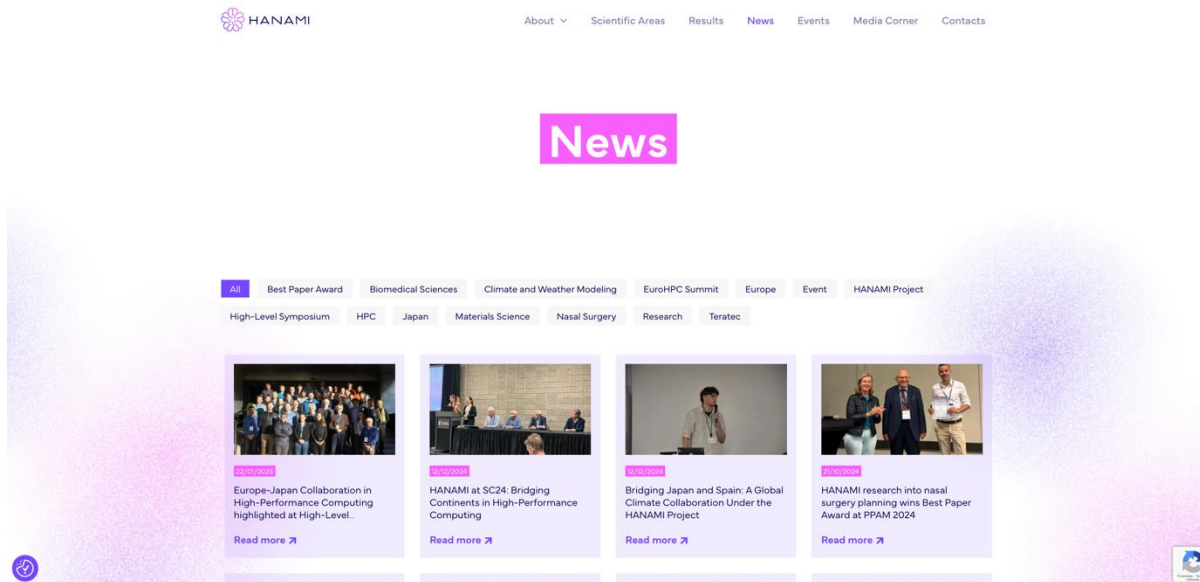


Figure 14 - News on the News section

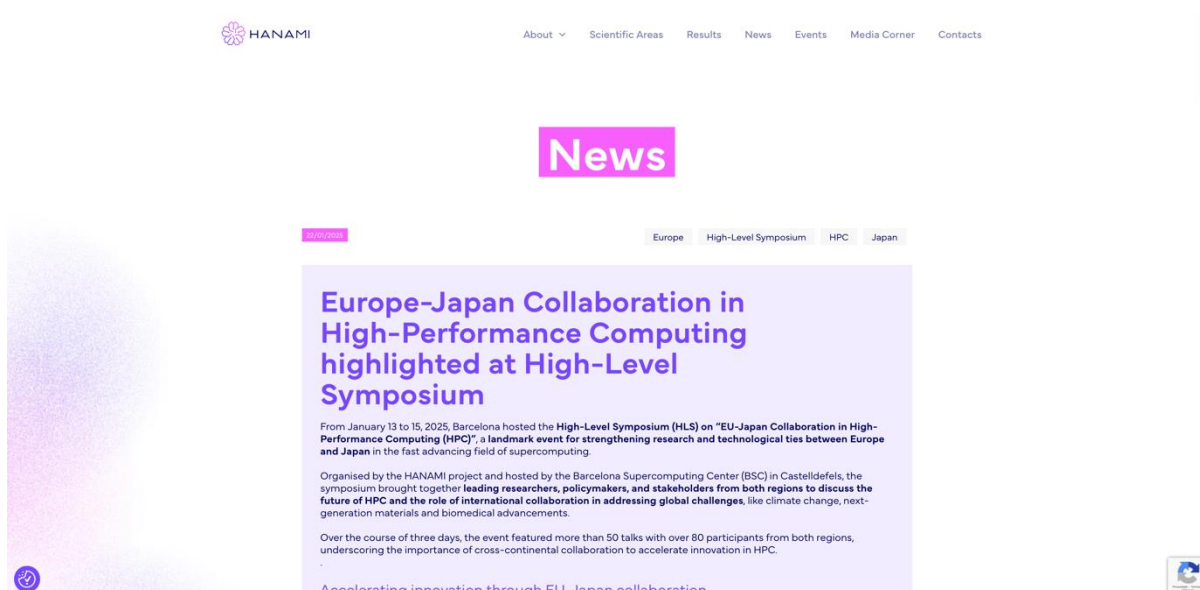


Figure 15 - News piece about the HANAMI symposium

Blog

After the event, a blog post was written by the Barcelona Supercomputing Center (BSC). The blog post is available on the [website](#).

Social media channels

Regarding social media posts, the HANAMI symposium results were disseminated on LinkedIn, X, and Bluesky after the event.

- LinkedIn

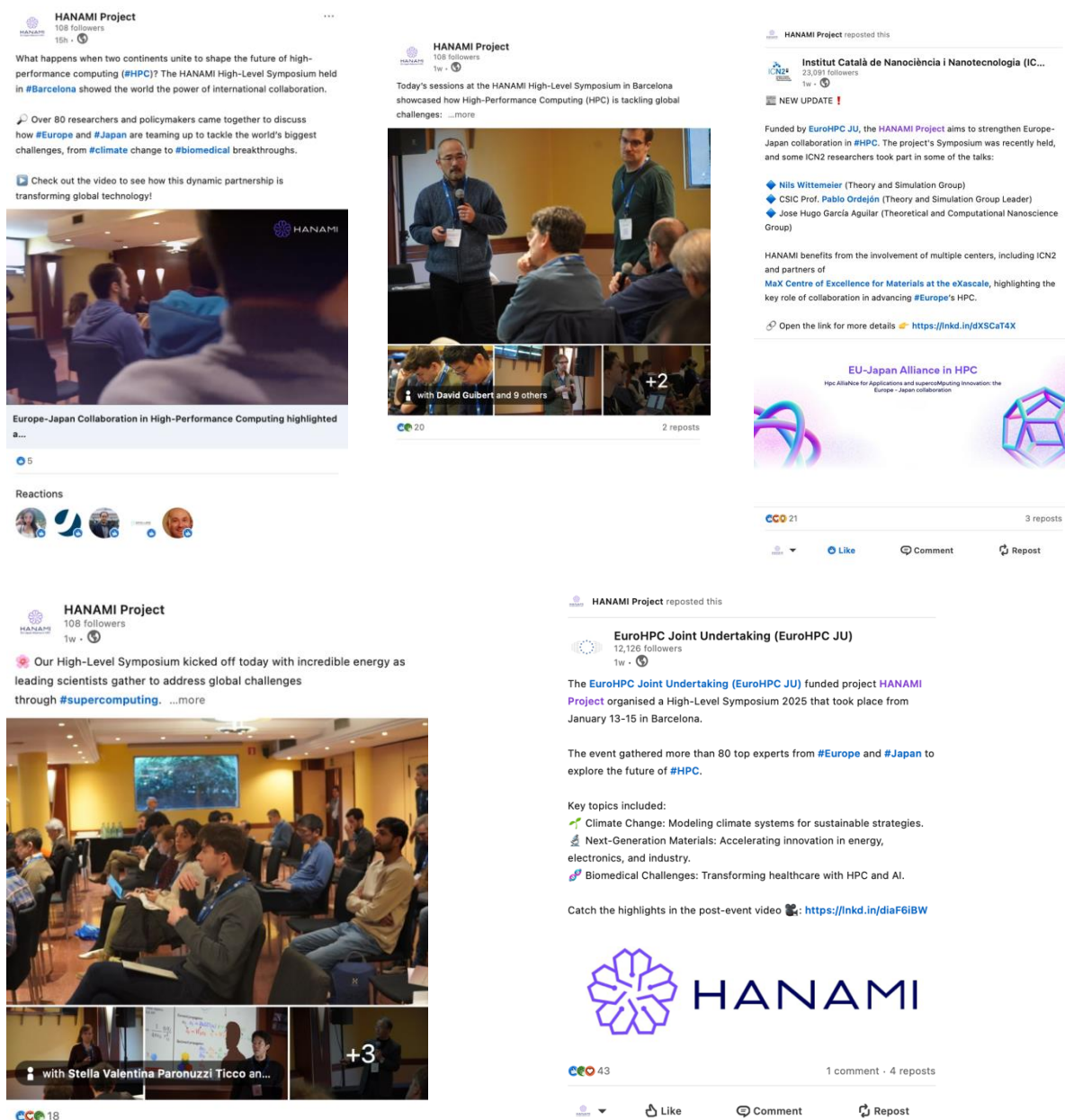


Figure 16 - LinkedIn posts after the event

More posts were published regarding this event, especially a post about the news and about the blog post. All the posts can be found [here](#).

A paid campaign about this event was also developed in the LinkedIn platform, which had € 100 and reached more than 10800 impressions and more the 200 clickss, so the total number of exposures to this content. This can include the same person seeing your content multiple times.

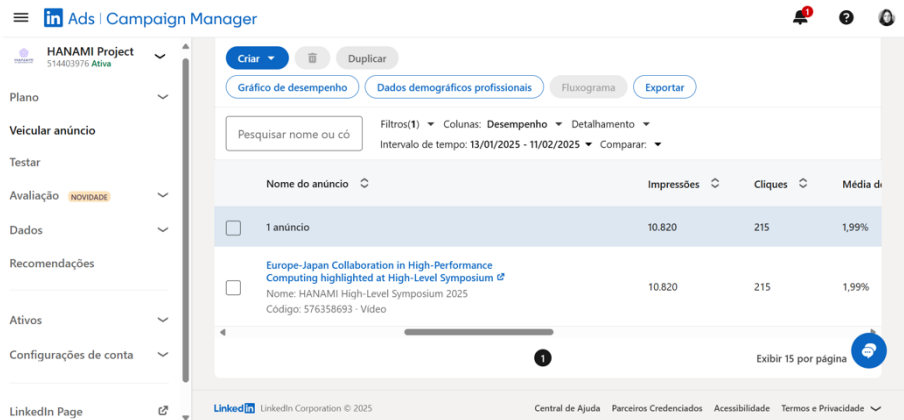


Figure 17 - Paid campaign about HLS

• X



Figure 18 - X posts after the event

- **Bluesky**

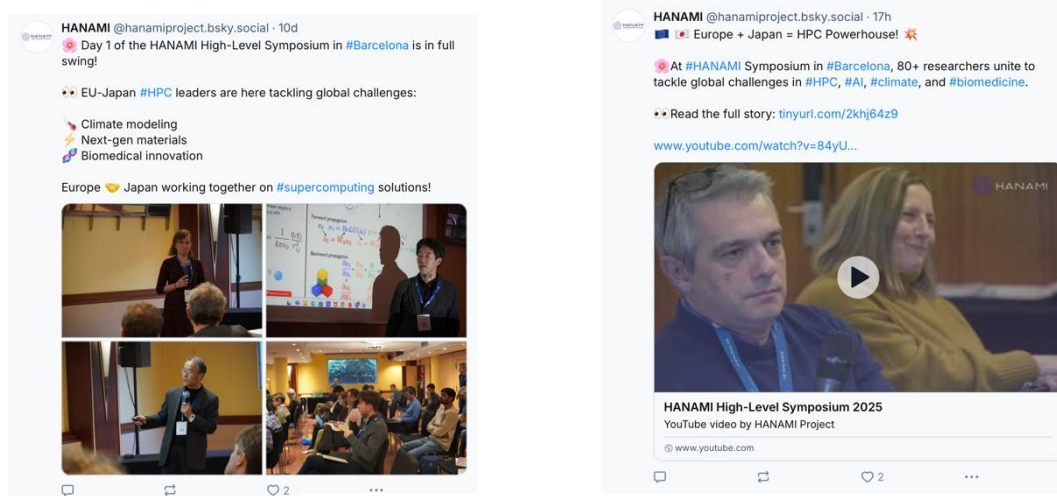


Figure 19 - Bluesky posts after the event

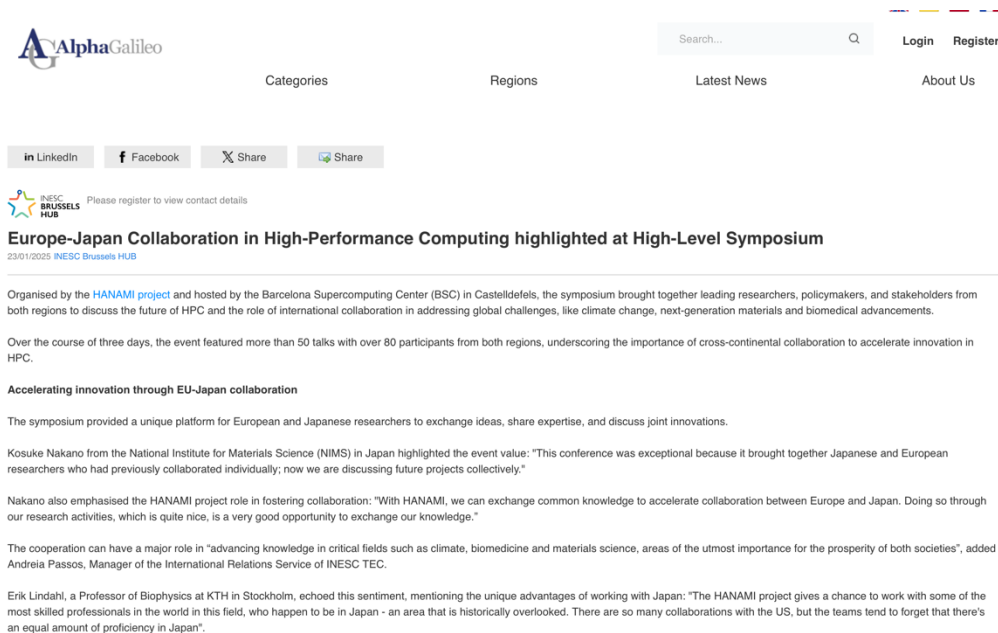
The eight social media posts after the event reached more than 70 reactions.

As the local host of the symposium, BSC also posted information about the symposium through several social media channels:

- **X:** https://x.com/BSC_CNS/status/1878820706307236109
- **LinkedIn:** https://www.linkedin.com/posts/barcelona-supercomputing-center-climatechange-activity-7284586555887808512--VVvg?utm_source=share&utm_medium=member_desktop
- **Facebook:** <https://www.facebook.com/BSCCNS/posts/1014135944074288>
- **Bluesky:** <https://bsky.app/profile/bsc-cns.bsky.social/post/3lfmzcmba7s2v>
- **Threads:** https://www.threads.net/@bsc_cns/post/DExS9DgMIDO
- **Instagram:** <https://www.instagram.com/p/DEXTQeQMEEv/>

Media

Concerning media dissemination, an international press release was launched through the Alpha Galileo platform after the event.



The screenshot shows the AlphaGalileo website interface. At the top, there is a navigation bar with 'Categories', 'Regions', 'Latest News', and 'About Us'. A search bar is also present. Below the navigation bar, there are social media sharing buttons for LinkedIn, Facebook, and two generic 'Share' buttons. The main content area features a press release titled 'Europe-Japan Collaboration in High-Performance Computing highlighted at High-Level Symposium' dated 23/01/2025 from INESC Brussels HUB. The text of the press release describes a symposium organized by the HANAMI project and hosted by the Barcelona Supercomputing Center (BSC) in Castelfelers, highlighting the collaboration between European and Japanese researchers in high-performance computing (HPC).

The complete version can be read [here](#).

The press release was directly sent to the following media specialised in HPC:

- [HPCWire](#)
- [HPCWire Japan](#)
- [Science Business](#)
- [Inside HPC](#)
- [Europa Science](#)
- [Phys.Org](#)
- [EU-Japan Centre for Industrial Cooperation](#) (joint venture)

EUROPE-JAPAN COLLABORATION IN HIGH-PERFORMANCE COMPUTING HIGHLIGHTED AT HIGH-LEVEL SYMPOSIUM

From January 13 to 15, 2025, Barcelona hosted the High-Level Symposium (HLS) on "EU-Japan Collaboration in High-Performance Computing (HPC)", a landmark event for strengthening research and technological ties between Europe and Japan in the fast advancing field of supercomputing.

Porto, January 23, 2025

Organised by the HANAMI project and hosted by the Barcelona Supercomputing Center (BSC) in Castelldefels, the symposium brought together leading researchers, policymakers, and stakeholders from both regions to discuss the future of HPC and the role of international collaboration in addressing global challenges, like climate change, next-generation materials and biomedical advancements.

Over the course of three days, the event featured more than 50 talks with over 80 participants from both regions, underscoring the importance of cross-continental collaboration to accelerate innovation in HPC.

Accelerating innovation through EU-Japan collaboration

The symposium provided a unique platform for European and Japanese researchers to exchange ideas, share expertise, and discuss joint innovations.

Kosuke Nakano from the National Institute for Materials Science (NIMS) in Japan highlighted the event value: "This conference was exceptional because it brought together Japanese and European researchers who had previously collaborated individually; now we are discussing future projects collectively."

Nakano also emphasised the HANAMI project role in fostering collaboration: "With HANAMI, we can exchange common knowledge to accelerate collaboration between Europe and Japan. Doing so through our research activities, which is quite nice, is a very good opportunity to exchange our knowledge."

The cooperation can have a major role in "advancing knowledge in critical fields such as climate, biomedicine and materials science, areas of the utmost importance for the prosperity of both societies", added Andreia Passos, Manager of the International Relations Service of INESC TEC.

Figure 20 - First page of the PR launched

The complete version can be read [here](#).

Newsletter

A dedicated newsletter focused on the HANAMI symposium highlights and results was sent in the end of January 2025.



Figure 21 - Newsletter about the HLS highlights

Conclusions

The first HANAMI High-Level Symposium successfully advanced its primary goal of fostering scientific and technological collaboration between European and Japanese researchers. As the main outcome of the symposium, the consortium would like to highlight the strengthening of the collaboration projects within the three scientific WPs. The parallel tracks were instrumental in identifying common interests and issues, fostering discussions and reaching agreements to improve the HANAMI projects' development moving forward.

Participation statistics from the symposium reflected strong engagement from both European and Japanese researchers, with 22% of attendees from Japan. This active involvement underscores the effectiveness of HANAMI's networking and community-building strategies. However, the gender imbalance observed in the symposium's participation highlighted a critical area for improvement. This issue was acknowledged during the Steering Board meeting, and future symposia will aim to implement strategies to achieve greater gender equity, thereby fostering a more inclusive research community.

The symposium's hybrid format allowed for broad participation, while the co-located activities, including the CEA-RIKEN school and HANAMI Steering Board meetings, further enriched the event's impact. The involvement of high-profile keynote speakers from both Europe and Japan added prestige and depth to the discussions, while the dissemination of event highlights through various media channels amplified the symposium's visibility. In conclusion, the first HANAMI symposium not only reinforced existing partnerships but also laid the groundwork for new collaborations that promise to drive innovation across HPC and AI applications, ensuring the sustainability and growth of EU-Japan scientific cooperation.