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**SupercomputingAsia (SCA) / HPC Asia (HPCA) 2026 Conference**

**26-29 January 2026**

**Osaka, Japan**

**INVITED PROGRAM SESSIONS – SUBMISSION FORM**

**Introduction**

The Invited Program sessions at SCA / HPCA 2026 bring together distinguished thought leaders, innovators, and practitioners from across the global HPC community to share insights on the trending topics, most pressing challenges and emerging opportunities in supercomputing. These sessions are designed to spark forward-looking discussions that bridge research, technology, and application domains, offering attendees a chance to engage directly with experts driving advances in areas such as AI, quantum, exascale systems, and societal impact, to name a few. By highlighting diverse perspectives and cutting-edge developments, the Invited Sessions serve as a catalyst for collaboration, inspiration, and shaping the future directions of HPC.

**Guidelines**

Invited Program sessions aim to stimulate forward-looking, high-level discussions that go beyond technical deep dives and product showcases. Proposals should be framed to provide strategic, broader-level insights that are relevant to the global HPC and advanced computing community. The points to consider include:

* Strategic Thematic Focus: The session should be organized around a central theme, and should consist of associated topics that address trends, challenges, and opportunities shaping the future of HPC, AI, quantum, cloud-HPC integration, or their societal and scientific impact.
* Thought Leadership: Sessions should showcase leading perspectives, fresh ideas, and bold visions, rather than incremental technical updates.
* Non-Commercial Orientation: Industry-focused themes are quite welcome. However, the contents should avoid product pitches or overt marketing. Although products and roadmaps can be presented, they should be done in the context of being data points for objective inter-vendor discussions and knowledge exchange.
* Breadth and Diversity: Sessions are encouraged to feature voices from different sectors (academia, industry, government, research labs) and geographies, reflecting a wide spectrum of experiences and views. Industry-focused themes are encouraged to include multiple vendors and non-industry entities in their sessions.
* Engagement: Proposals should highlight how the session will foster interaction with the audience, e.g., through moderated discussion, Q&A, or debate formats.

**Post-Conference Summary Report**

All **accepted Invited Program sessions** of the **SCA / HPCA 2026** conference are required to produce a **1-page summary report.**

* **Submission Deadline:** No later than **1 month after the end of the conference** (i.e. **before 1 March 2026**).
* **Length:** Maximum **1 page**.
* **Content:** The report should cover the following sections:
	1. **Abstract** – A short overview of the session theme, objectives, and scope.
	2. **Key Highlights** – A concise summary of the main talks, panel exchanges or the top 2-3 ‘take-home messages’.
	3. **Outcomes, Future Plans, or Resulting Collaborations** – Highlights of any conclusions, proposed actions, follow-up initiatives, or collaborative opportunities that emerged.

**TITLE OF SESSION**

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**ABSTRACT (MAX. 200 WORDS)**

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**RELEVANT WEBSITE / URL (IF ANY)**

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**SESSION CHAIR(S) (MAX. 2 CO-CHAIRS)**

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| --- | --- | --- |
| **Name** | **Affiliation** | **Email** |
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**ABSTRACT SESSION SCOPE**

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| *<Sample>** *Artificial Intelligence is reshaping the global computing landscape, driving unprecedented demand for scale, efficiency, and new architectures. HPC centres worldwide are at the forefront of this transformation, adapting their strategies, infrastructure, and services to support AI-driven research and innovation. This session will bring together leaders from national and regional supercomputing centres to discuss how their organisations are pivoting to meet the surge of AI workloads alongside traditional simulation and modelling. Speakers will share perspectives on infrastructure redesign (e.g., GPU-accelerated systems, specialised AI hardware), new user support models, integration of cloud and hybrid resources, and the policy and funding shifts required to enable these transitions. The session will highlight similarities and differences across countries, providing a comparative view of global strategies and their implications for the future of HPC-enabled AI. By showcasing a diverse set of experiences, the session aims to foster dialogue on how centres can learn from each other while shaping an international roadmap for HPC and AI convergence.*
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**TARGET AUDIENCE**

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| *<Sample>** *Software developers of digital twin tools, dev-ops deployers, executive decision makers and just as importantly, the end user practitioners including domain scientists, data center operations, public policy influencers, user interface and data model designers, researchers, educators and media outlets.*
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**SPEAKERS LIST\***

*\*Note: All Invited Program Speakers shall be referred to as ‘Speakers’. ‘Keynotes’ shall only be used to reference the official SCA / HPCA 2026 Conference Keynote speakers.*

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| **Name** | **Affiliation** | **Email** |
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**DURATION OF SESSION\***

* **Half-Day Session (1.30pm – 5.00pm)** *incl. Tea Break (1x) duration*
* **Full-Day Session (11.00am – 5.00pm)** *incl. Tea Break (2x) and Lunch duration*

**PROGRAMME DRAFT\***

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| **Time / Duration (mins.)** | **Item** |
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*\*Note – The SCA/HPCA 2026 Organising Committee and Invited Program Co-Chairs will advise on the exact date and timeslot of the Session closer to the conference date.*

**EXPECTED NUMBERS, GOAL & OUTCOME**

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| Expected Attendee Numbers:Goal & Outcome of Session (if any): |

**For submissions\* and enquiries, please send the completed form to the SCA/HPCA 2026 Invited Program Co-Chairs at** **sca\_hpca\_26\_is@ml.riken.jp****.**

*\*The Co-Chairs and the Organising Committee will assess the proposals. Successful Invited Program Session proposals will receive an acceptance notification and further instructions from the Co-Chairs.*