Arcitecta to Showcase its Advanced Research Data Management Platform at Supercomputing Asia 2026

The company's Mediaflux platform powers HPC-scale workloads and large scientific data sets, transforming data into dynamic assets that accelerate discovery

BOULDER, Colo. & MELBOURNE, Australia – January 21, 2026 – Arcitecta, a creative and innovative data management software company, today announced that it will demonstrate its advanced Mediaflux® research data management platform in booth #14 at Supercomputing Asia 2026, January 26-29, at the Osaka International Convention Center in Japan. The conference will be held in conjunction with HPC Asia 2026 (SCA/HPCAsia 2026).

Arcitecta is returning to Supercomputing Asia 2026 to share its vision for elegant, intelligent research data management. At a time when data is growing in volume, complexity, and value, Arcitecta's Mediaflux platform brings balance to the research ecosystem, connecting people, instruments, storage and compute into a unified, metadata-rich environment. Built for HPC-scale workloads and diverse, data-intensive disciplines, Mediaflux transforms data into a living, dynamic resource that accelerates discovery.

Birds of a Feather Session: Managing and Sharing Large Scientific Data Sets
Arcitecta's Global Business Development Lead, Robert Mollard, will join other distinguished panelists in an informative session to discuss the complexities of sharing large amounts of collected scientific data and to explore sharing techniques, models and software tools that address this challenge. Attendees will gain an understanding of contemporary practices and actionable methods for improving collaboration between research organizations with large data stores used for analysis and with HPC workflows and software.

Topic: Managing and Sharing Large Scientific Data Sets
Date and Time: Thursday, January 29, 2026, 11:30 am – 12:30 pm
Location: 12F Conference Hall of the Osaka International Convention Center
Panelists:

- Robert Mollard, **Arcitecta** – Global Business Development Lead
- Bronis R. de Supinski, CTO for **Livermore Computing (LC) at Lawrence Livermore National Laboratory (LLNL)**

- Michael Hennecke, Distinguished Technologist at **HPE** – DAOS Systems/Software Engineering
- Chris Maestas, **IBM** – CTO for Data and AI Storage Solutions
- Matt Starr, **Spectra Logic** – CTO, VP APJ Sales, and VP Federal Sales
- Thomas Metzger, Americas HPC Technical and Business Director at **Intel Corporation**
- Werner Scholz, **Xenon Systems** – CTO and Head of R&D
- CJ Newburn, **NVIDIA** Architect – IO and HPC Software Strategy
- Jake Carroll, Director, **Research Computing Centre** – **University of Queensland**

The New Digital Preservation
Long-term data retention was once treated as a niche concern, limited to archives and specialized domains. Today, research data is routinely retained for decades, often by default rather than by design. This shift is reshaping how institutions think about storage, lifecycle management, cost, and sustainability.

Digital preservation is no longer a "future" problem; it is a challenge that organizations must begin addressing now. Mediaflux delivers intelligent, policy-driven data placement across the entire storage hierarchy, from high-performance hot tiers to economical long-term archives.

Cerabyte, the pioneer of ceramic-based data storage solutions, will join Arcitecta in booth #14 to jointly demonstrate how the two companies address the need for data management in conjunction with long-term retention, enabling data storage that is easily accessible, permanent, sustainable and energy-efficient.

"Organizations will increasingly adopt a combination of active archives, intelligent tiering and hybrid cloud architectures to optimize storage utilization at scale," said Jason Lohrey, CEO and founder of Arcitecta. "With Mediaflux, organizations can tier large datasets, assigning them levels of importance and priority. Data can be relegated to archives that are active and rapidly available as needed. Organizations that fail to modernize their storage strategies with tiering and active archiving risk higher costs, slower AI deployment and diminished competitiveness in an increasingly data-driven world."

To schedule a meeting with the Arcitecta team at SCA/HPCAsia 2026, visit: https://www.arcitecta.com/events/2026/sca/chat/

Resources

- For more about research data management: Research Data Management Futureproofing
- More on Mediaflux, a Data Management Platform
- Arcitecta Named a Leader and Fast Mover in GigaOm Radar Report: 2025 GigaOm Radar Report for Unstructured Data Management

About Arcitecta
Arcitecta has been building the industry's best data management platforms since the dawn of the data age. Today, Arcitecta is transforming data management and backup with Mediaflux, a rich end-to-end data fabric that simplifies data-intensive workflows in petabyte-scale environments to improve business and research outcomes. Mediaflux unifies data management processes into a single platform, simplifying the administration of massive data sets and allowing world leaders to solve some of the most challenging problems on the planet. For more, visit www.arcitecta.com.

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