



Session A4: ICT Challenges

Software Development, HPC, Big Data and IA, User Interfaces
and Open Science

**Moderator: Eleonora Getsova, Industry Liaison Officer,
Sofia University, Bulgaria**

Programme



Time	Speaker	Talk
0:00-0:10	Eleonora Getsova	Opening of the session and giving an overview of the accumulated tender
0:10-0:20	Eric Bonfillou, Head of the Hardware Procurement and Support Section - IT Department, CERN	CERN LHC Run3 computing infrastructure procurement
0:20-0:30	Pierre-Philippe Mathieu, Head of phi-lab Explore Office, ESA	The rise of AI for space
0:30-0:40	Dieter Suchar, Head of the Information Technology Department Pascal Ballester, Head of the Science Operation Software Department, ESO	ESO IT and SCS procurement and investment needs until 2027
0:40-0:50	Jean-François Perrin, Head of Systems & Communications Group, ESRF	ESRF IT needs 2023-2027
0:50-1:00	Jesper Rude Selknæs, Group leader, Data Systems and Technology, ESS	ESS IT investments required for operation
1:00-1:10	Steve Aplin, Department Head, Science Support Data, European XFEL	Petabyte scale data capture, control and evaluation at European XFEL
1:10-1:20	Mark Johnson, Associate Director and Head of Science Division, ILL	Opportunities and perspectives in ICT at ILL: AI, the user experience and open science
1:20-1:30	Nick Rees, ead of Computing and Software, SKA	SKAO Software - matching procurement to agile development practices
1:30-1:40	Tim Dyce, Head of Infrastructure Services, EMBL-EBI	EMBL-EBI Purchasing and Strategic Direction 2022 - 2023
1:40-2:30	Moderator and all speakers	Round table discussion

Accumulated estimated volumes

