

My Introduction

Xin Zhao

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Outline

- Background and Past Experience
- Current Job Assignments

Background and Past Experience (1/2)

- PhD in experimental high energy physics, at the BES/IHEP experiment (1996)
- Postdoc, worked on the CLEO & D0 experiments
- 2003 – joined a group (led by Rob Gardner) at the Univ. of Chicago, started working on grid computing
 - Participated in the Grid2003 demo project for the SC '03 (⇒ OSG later)
 - Worked in the information system, VDT (Virtual Data Toolkit) testing and ATLAS job demo
- 2004 – joined BNL RACF group (SDCC), as a member of the grid services subgroup
- July 1st, 2022 – joined BNL NPPS group

Background and Past Experience (2/2)

- Work experience at RACF/SDCC
 - Facility services
 - Deployment and maintenance of various grid services at BNL ATLAS Tier-1, with focus on computing element (admin of OSG gatekeepers)
 - As a member of USATLAS cloud support team, provided operational support for ATLAS grid production.
 - OpenStack testbed deployment and maintenance
 - Collaboration with PAS(NPPS)
 - As a member of the PanDA team (2005~2006 ?), worked on various components:
 - Grid job submission, pilot, and installation of ATLAS software on the Grid
 - very first versions ⇒ completely different today
 - 2017, became the ATLAS contact person for the BNL Tier-1 facility
 - Besides Tier-1 responsibilities, also involved more on ATLAS Distributed Computing (ADC) activities
 - Co-coordinator of ADC infrastructure and facilities activity
 - Co-coordinator of ATLAS Data Carousel project, with Alexei and Mario(CERN)

Current Job Assignments

- Continue on Data Carousel
 - Data Carousel is In production for ATLAS already
 - One of the major topics for the next step is better utilization of tape bandwidth, to make sure the long term success at the HL-LHC scale
- PanDA team
 - Harvester deployment and support (for ATLAS)
 - Apply ATLAS PanDA experience to support sPHENIX production system
- Token based Authentication & Authorization (as part of ATLAS in WLCG Authorization WG)
 - Token supports on sites, workflows and data flows
 - Token deployment, commissioning, coordination ATLAS wide
 - [WLCG token transition timeline](#) (up to 2026)

Miscellaneous

An amateur GO player

- 5d by AGA (American Go Association)
- Teaches GO at the Stony Brook Chinese School (weekends).

