

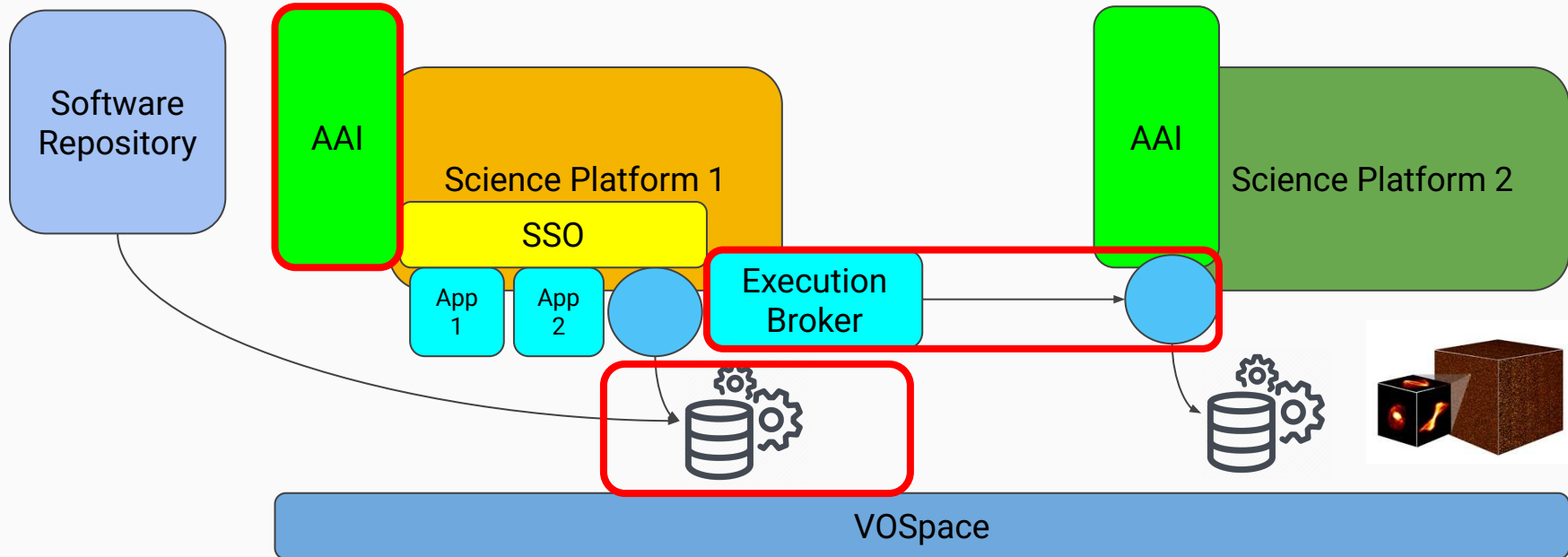
# DSP Working Group Opening

Jesús Salgado & Sara Bertocco  
Maryland, June 2025

# DSP

- Yes,... finally the new name is in place
  - DSP (Distributed Services and Protocols)
  - <https://wiki.ivoa.net/twiki/bin/view/IVOA/DistributedServicesAndProtocols>
    - Authentication and Authorization, Credential Delegation
    - Workflow Execution, Management, Analysis, Provenance. Execution Interfaces and APIs
    - User Data Interchange and User Areas
    - Cloud Technologies and Deployment

# During this meeting



# Ongoing Standards

- Execution Broker
  - Prototyping ongoing at SRCNet level
  - How to align these efforts with existing workload systems already in place?
- (New) IVOA Interoperable Authentication Protocol (IAP) (M. Taylor et al)
  - Standard methods for VO services to advertise authentication mechanisms
  - Introduces VO-specific schemes: ivoa\_cookie and ivoa\_x509
  - Supports discovery and use of authentication by non-browser clients using only a URL
  - Brainstorming Discussion session to be done after the interop

# DSP WG Session -

4th June 2025 9:00-10:30 EDT / 13:00-14:30 UTC

Speaker	Title
Dave Morris (Remote)	Execution Broker Update
Joshua Fraustro (In person)	Generation of code from <b>Open API</b>
Mark Taylor (Remote)	IVOA Authentication
Adrian Damian (Remote)	Towards Federation of CADC AA&I
Brian Major (Remote)	Firefly on CANFAR
Marcos Lopez-Caniego (Remote)	ESA <b>Data Labs</b>

# Operations-DSP Joint Session -

5th June 2025 11:00-12:30 EDT / 15:00-16:30 UTC

Speaker	Title
ZHANG, Zhen (Remote)	Experiences and lessons learned from EP scientific workflow
Baptiste Cecconi	Workflow orchestration for radio interferometric imaging using EXTRACT

# Thanks!

Contact us:

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