



# OPERATIONS IG

IVOA INTEROP MEETING

SYDNEY, AUSTRALIA

MAY 2024

CHAIR: STEVE GROOM (CALTECH/IPAC)

VICE-CHAIR: TAMARA CIVERA (CEFCA)

Operations IG Closing, Sydney, 23 May 2024

# OPS SESSION

Session #14: Thursday 23 May, 14:00-15:30 AEST (UT+10)

- Euro-VO Registry weather report and VOSI improvements - Henrik Norman
- Site report for the IVOA compliant services at AIP – Anastasia Galkin
- Archiving for different source astronomical data: experiences and lessons – Youfen Wang
- EPN-TAP services testing experiences – Pierre Le Seidaner
- NAVO Archives – Adventures in ObsTAP and DataLink – Anastasia Laity
- Discussion

# OPERATIONS HIGHLIGHTS

## Service monitoring and validation

- Euro-VO registry provided update on common sources of validation errors – often missing metadata
- New VOSI updater, can fill in registry info from VOSI services



# OPERATIONS HIGHLIGHTS - 2

## AIP IVOA

- Overview of services
- Providing DOI's within IVOA protocols
- Operations in Django and Dockerized Dev/Ops environment

# OPERATIONS HIGHLIGHTS - 3

## NAOC

- Services and experiences archiving different kinds of science data
  - Digital products, Paper, research data, mirrors, outreach, statistics
  - Registration
  - Approach to archiving

# OPERATIONS HIGHLIGHTS - 4

## PADC – Monitoring EPN-TAP services

- Providing tutorials and tools to help build services
- Monitoring compliance of services



# OPERATIONS HIGHLIGHTS - 5

## NAVO – Adventures in ObsTAP and DataLink

- Collaboration between NASA Astro Archives, comparing approaches to application of standards
- Doing what makes sense for science users might mean inconsistency between datasets, projects
  - E.g. what does “observation” represent for a particular project?
- Consistency in spatial search support – relation to tech stack
- Ongoing discussion!