Break-outs

- Meet here (Eridanus) @ 9:00
- To be taken to the break-out rooms

- Groups to provide summaries of discussions (and any conclusions) on Wednesday morning.

Policy Group (Octans, E.241)

- Technical assessment challenges

- Duplication Checking

- Evolution of TAC model – moving away from traditional meeting

- Is Phase2 needed? (ALMA, CTA)

- "Anonymizing" investigators

Technology Group (Grus A3.40)

Pros and cons of:

- Distributed (micro-)services architecture
- Use of containers, VMs
- Is Angular the client-side tech of choice? Other choices?
- Server-side choice?
- Future of Java
- Data Model evolution
- Validation – what is it? Where should it be done?
- Use of clouds: private, public

Joint Group (Eridanus – here, after coffee)

- Concurrent proposal editing
- Embedding LaTeX symbols
- Machine learning for referee matching?
- Open source software
- integration of external tools (Exposure Time calculator, Observing Time Calculator, Data Rates and Storage Calculator, Processing Time Calculator (Scheduler?))
- Connection to scheduling
- Configuration of system by operations staff
  - Uis to it etc.
  - what changes each cycle.
- Maintenance costs

Original slides

Operations & Policies

- Concurrent proposal editing
- Technical assessment challenges
- Machine learning for referee matching?
- Evolution of TAC model – moving away from traditional meeting
- Is Phase2 needed ? (ALMA, CTA)
- Connection to scheduling
- Configuration of system by operations staff
  - Uis to it etc.
  - what changes each cycle.
- Anonymizing investigators
- duplication checking
- Open source software

Architectures

- Desktop vs web
- Distributed (micro-)services architecture
- Use of containers, VMs
- Use of clouds: private, public
- Integration with AAA
- integration of external tools
  - Exposure Time calculator
  - Observing Time Calculator
  - Data Rates and Storage Calculator
  - Processing Time Calculator (Scheduler?)

Technologies

- Future of Java
- Is Angular the client-side tech of choice?
- Server-side choice?
- Maintenance costs

Other

- Data Model evolution
- Embedding latex
- Validation – what is it? Where should it be done?
- What is the lifetime of a Proposal system?
- Use of tablets/phones

NRAO:

What are the experiences with a 2 phase tool?

- Is it more trouble than worth?
- Has anyone done it for a systema that support multiple instruments?
- Are there any regrets? Any pitfalls to avoid?

Collaborations

- What potential is there?
  - Tools
  - Designs
  - Libraries
  - Experiences (with frameworks etc)
  - What? How? Who? When?

Languages, Protocols, Databases

- Java
- Javascript
  - jquery
- typescript
- python
- Django
- Angular
- nodeJS
- php
- tex
- latex
- formstack
- html(5)
- JSP
- XML
- JSON
- XMLC
- JWT

- oracle
- postgres
- mariadb/mysql
- hibernate
- spring
- JWT
- oAuth2
- semanticUI
- bootstrap