

NRAO Proposal Tool (PST)

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NRAO Community Day 1/13/2012

Creating an NRAO proposal

- Proposal Submission Tool (PST)
 - EVLA, VLBA, GBT, **but ...**
 - for ALMA, use ALMA OT
- This presentation: EVLA-centric
- Accessing the PST
 - You must be registered at my.nrao.edu
 - Also allows access to other services (e.g. OPT)
 - Allows creating and submitting new proposals
 - Gives access to all proposals you are associated with regardless of your role (PI, co-I, contact author)



National Radio Astronomy Observatory

- Dashboard
- Proposals
- Reviews
- Data Processing
- Obs Prep
- Helpdesk
- Profile
- Admin

Options

- Dashboard
 - News & General Information
 - Information for Astronomers
 - Documentation
 - Release Notes
 - Policies
 - My Information
 - My Data

DASHBOARD

Telescope News

Next Proposal Deadline In 23 Days - **February 01, 2012 5 PM EST (22 hours UT)**

Important [Information for EVLA/GBT/VLBA/HSA/VLBI Proposers](#) - January 6, 2012

[EVLA Configuration Plans and Proposal Deadlines](#) - Dec 13, 2011



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- My Proposals**
- Available Authors
- Available Organizations

Options

Status:

Telescope:

Trimester:

Year:

Search

Proposal	Legacy ID	Title
VLA/2012-00-005		This is a blank proposal created on Friday January 6, 2012
VLA/12A-152	AE187	CO content of massive protocluster galaxies in the Early Universe: an EVLA study
VLA/12A-136	AE186	Mapping widespread molecular gas in a z=2 radio galaxy: an EVLA/ALMA study
VLA/12A-121	AY217	The Molecular Ring, a Testbed for the Study of Star Formation near Sgr A*
VLA/11B-086	AE182	Mapping widespread molecular gas in a z=2 radio galaxy: an EVLA/ALMA study
VLA/11B-067	AY215	SiO, CH3OH, H2O and 44GHz Observations of the Galactic Center Molecular Ring
VLA/11B-048	AE181	CO content of massive protocluster galaxies in the Early Universe: an EVLA study
VLA/11A-166	AM1064	Locating the fast HI outflows in radio galaxies
VLA/10C-204	AY208	SiO, CH3OH, H2O and 44GHz Observations of the Galactic Center Molecular Ring
VLA/10C-131	AE178	CO content of massive protocluster galaxies in the Early Universe: an EVLA study
VLA/10B-207	AS1036	The Pattern Speed of the Multiple-Armed Spiral Galaxy NGC 3992
VLA/10B-190	AC991	Star Formation within IRDCs in the Galactic Center
VLA/10B-180	AY206	SiO, CH3OH and H2O Observations of the Molecular Ring at the Galactic Center

After submission

- Proposal deadlines
 - 2 per year: February 1 and August 1
 - E.g. this year: 12A and 12B
 - No longer tied to VLA configurations
- After deadline:
 - All submitted proposals evaluated by Science Review Panel and Time Allocation Committee
 - Observers will be informed of allocated time (if any) and scientific priority
 - Basic project information transferred to OPT

Types of proposals

- Regular ($< 200\text{h}$) ≤ 4 pages science justification
- Large ($\geq 200\text{h}$) ≤ 10 pages science justification; requires data reduction and release plan
- Triggered
 - pre-planned observations of transients whose event times are unknown a priori; well-defined triggering criteria are required
- Director's Discretionary Time
 - for a Target of Opportunity (unexpected, unpredicted, e.g. supernova in nearby galaxy) or Exploratory Time for high risk/high yield projects.

PST – major elements

- General
- Authors
- Science Justification
- Sources – what do you want to observe
- Resources – instrumental setup
- Sessions – combines Sources and Resources
- Student Support

Interactive session. 1: creating a proposal

- Log on to `my.nrao.edu`
- Click on `Proposals`
- If you are on any proposals, they will be listed here. Click on `New Proposal` (upper right)
- Choose one telescope (here: `EVLA`) followed by `Create` in upper right
- It will list the new name at the top (e.g. `VLA-2012-00-008`). Click on that name.
- The tree structure of this new proposal is listed on the left, and the first part, 'General' is opened
- Click on `Edit` in the upper right

Interactive session. 2: General

- Choose proposal type regular
- Scientific category: up to you!
- Abstract : type a few words (e.g. will be completed at a later date)
- Not a joint proposal
- Observing type: spectroscopy
- Observer present and staff support : up to you
- Click on Save in upper right

Interactive session. 3: Authors

- Continue on to Authors in left tree
 - This should list yourself as sole author
 - Note that you are also PI and contact author
- Add one author (e.g. your neighbor) by clicking Add
- Type (part of) his/her name in search field and click Search
- In case of multiple hits indicate correct one and click Save and the new author will be listed
- Display order can be modified by using up/ down
- Roles of PI and contact author can be reassigned

Interactive session. 4: Science Justification

- Science justification: .pdf or .txt
 - Uploaded by add, browse, upload sequence
 - Can skip now; has to be present in order to submit
 - Max 4 pages (regular), 10 pages (large)
 - Both for science *and* technical justification

Interactive session. 5: Sources

- Sources can be added in three ways
 - Manually
 - Search in NED/SIMBAD
 - Load from local data file
- After sources on left, click on New Source Group in upper right
- Give it a name and save
- Click search NED/ SIMBAD and enter your favorite source (e.g. M31)
- Click Save

Interactive session. 6: Resources

- After click on Resources in left tree click on Add on the top right
- Enter name, configuration, receiver, back-end on top line
- Note how choice of back-end affects correlator setup table
- Choose a transition from the list
- Select one correlator setup
- When happy, click on save

Interactive session. 7: Sessions, Validating, and Submitting

- After click on Sessions in left tree click on New Session on the top right
- Enter session name and other information on top line
- Select a source group (here just one) and a resource (here just one)
- Enter time and runs you intend to reach (exposure calculator is useful here)
- Note Validate, Print and Submit buttons in upper left