



The US National Gemini Office (NGO): What we can do for you

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<http://ast.noao.edu/nssc/usngo>



The US National Gemini Office

- The Gemini Observatory is operated by a partnership of six countries. Each country has its own national office.
- The US National Gemini Office (NGO) is part of the NOAO System Science and Data Center (NSSDC) in Tucson, AZ.
- The US NGO supports Gemini users



Who supports the US NGO

- Letizia Stanghellini - Head, GMOS
- Ken Hinkle - GNIRS, NIRI, ALTAIR, GPI & Retired instruments: TRECS, Michelle, Phoenix, Hokupa'a
- Dara Norman - GMOS, Flamingos-2
- Jane Price - Administrative Asst.



- Tom Matheson – Helpdesk
- Dick Shaw – Data Reduction cookbooks



What the US NGO can do for you

- Recent changes to US NGO structure mean the US NGO is shifting from an observing support role to more of a data support role (data reduction, etc.)
- See <http://ast.noao.edu/nssc/usngo> for more details
 - Proposal support
 - Data reduction support (cookbooks, FAQ pages)
 - Field and answer Gemini helpdesk questions
 - SOME technical review of proposals
 - ~~Gemini Phase 2 support~~



New Initiatives: Mini-Workshops

- Data Reduction mini-workshops at AAS meetings:
2015 Seattle NOAO Mini-workshop on IR data reduction:
 - Dick Joyce (NOAO) – “An Introduction to Infrared Detectors”
 - Rachel Mason (Gemini) – “Reducing GNIRS Cross-Dispersed Data”Presentations available at: <http://ast.noao.edu/nssc/usngo>

2016 Kissimmee NOAO Mini-workshop on AO data reduction:

From planning observations through data reductions

Wednesday, 6 January 2016 at 2:00pm-3:30pm

St. George 114 at the Gaylord Palms Resort.

Invited Speakers: Claire Max (UC Santa Cruz & AAS 2015 Weber Prize winner), Tim Davidge (Herzberg Inst. of Astrophysics), and Franck Marchis (SETI).



NOAO Mini-workshop on AO data reduction

Wed, 6 Jan 2:00-3:30pm St. George 114

Invited Speakers:

- **Claire Max** (University of California at Santa Cruz & 2015 AAS Weber Award winner)

“Adaptive Optics for Astronomers: The Basics”

- **Tim Davidge** (Dominion Astrophysical Observatory)

“AO 101: Setting up and characterizing observations of resolved stellar systems”

- **Franck Marchis** (SETI Institute)

“Processing and Data Analysis With AO instruments: Challenges and Perspectives”



RESOLVE and ECO Special Session

Thurs, Jan 7th from 10-11:30am,

- The REsolved Spectroscopy Of a Local VolumE (RESOLVE) survey is an NOAO survey program using Gemini and SOAR telescopes.
- The public release of the RESOLVE/ECO online searchable database will occur at the associated RESOLVE/ECO special poster session, with demos from 5:30-6:30pm at the posters.
- The REsolved Spectroscopy Of a Local VolumE (RESOLVE) survey and its Environmental COntext (ECO) catalog are companion $z \sim 0$ surveys with volume-limited selected into the dwarf galaxy regime, encompassing multiple connected large-scale environments. ECO spans $>500,000$ cubic Mpc with value-added reprocessed multi-wavelength archival data, while RESOLVE spans $>50,000$ cubic Mpc with additional new 3D optical and 21cm spectroscopy, providing a census of galaxy dynamics, HI masses, gas and stellar metallicities, and star formation and AGN activity. For more information, visit <http://resolve.astro.unc.edu>.



US NGO supporting Gemini Observers

- US NGO is committed to supporting the Gemini observer community.
- Suggestions for
 - Future mini-workshop topics at AAS meetings
 - Future full workshop topics
 - Reductions cookbook priorities are Welcome!

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