

# Goals of the Science Subcommittee at this Workshop (and Beyond)

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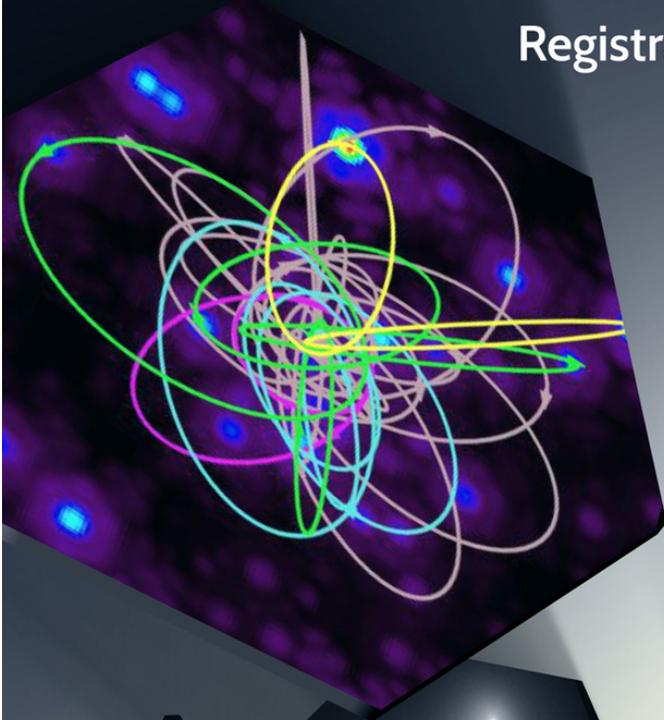
## Maximizing Transformative Science with TMT

Exploring forefront science with the Thirty Meter Telescope, and ways to maximize its productivity through innovative collaborations, operations, and instrumentation

**23 - 25 June 2015**

American Association for the Advancement of Science (AAAS)  
Mayflower Renaissance Hotel, Washington D.C.

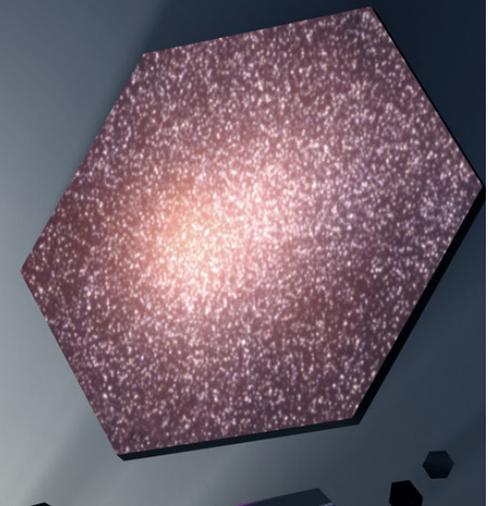
Registration Deadline: 22 May 2015



Invited science talks  
Parallel science sessions  
with contributed talks

Discussion sessions:

Observatory Operations  
Data Management  
Future Instrumentation



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- The assessment of the science case for a future UV-visible-near IR telescope is *an on-going process that can and will continue after the workshop*
- However, (my understanding is) NASA would like to make some decisions about priorities fairly soon.

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- **GOAL 1: provide the broader astronomical community with an opportunity to state their interests and priorities**
- **GOAL 2: *independently* evaluate the science cases developed by our colleagues (including the reactions of the broader community)**
  - Overall case: good, bad, or ugly?
  - Are there important science drivers that are missing?
  - Conversely, are some of the science drivers not really crucial?

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- **GOAL 1: provide the broader astronomical community with an opportunity to state their interests and priorities**
- **GOAL 2: *independently* evaluate the science cases developed by our colleagues (including the reactions of the broader community)**
- **GOAL 3: consider detailed issues**
  - Size of the telescope and necessary instrumentation
  - Instrumentation/technology development required by science priorities
  - Observatory vs. focused mission

A call for white papers has already been completed, but the science subcommittee welcomes additional input

- Most straightforward method to submit information to the science committee:

[tripp@astro.umass.edu](mailto:tripp@astro.umass.edu)

# Science subcommittee activities at this workshop

- DAY 1: diverse set of short science talks in breakout session
- DAY 2 (8:40 – 10:30 AM): a townhall-style summary of where we are currently and discussion opportunity
  - Some key points from discussions that the science subcommittee has had prior to this conference
  - Themes from white papers we have received
  - Highlights of today's science breakout session

**If you would like to make a comment, ask a question, or raise an issue during the science “townhall” on Friday morning, please send me an email (with some details) today. Do not send big attachments; a brief text message is adequate. This is not mandatory, but it will help with organization of the morning session.**

**tripp@astro.umass.edu**