Goals of the Science Subcommittee at this Workshop (and Beyond)
Consider our initial conditions:
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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
Consider our initial conditions:

FROM COSMIC BIRTH TO LIVING EARTHS

THE FUTURE OF UV/OIR SPACE ASTRONOMY
Problem 1 (overlap with TMT workshop) is easily solved:
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• However, (my understanding is) NASA would like to make some decisions about priorities fairly soon.
Problem 2: two groups – ATLAST & AURA – have already published detailed science cases for UV-visible flagship
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• GOAL 2: independently evaluate the science cases developed by our colleagues
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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
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. 

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