National Aeronautics and Space Administration

Astrophysics

Relationship Between the STDT and HQ

HabEx Face-to-Face Meeting
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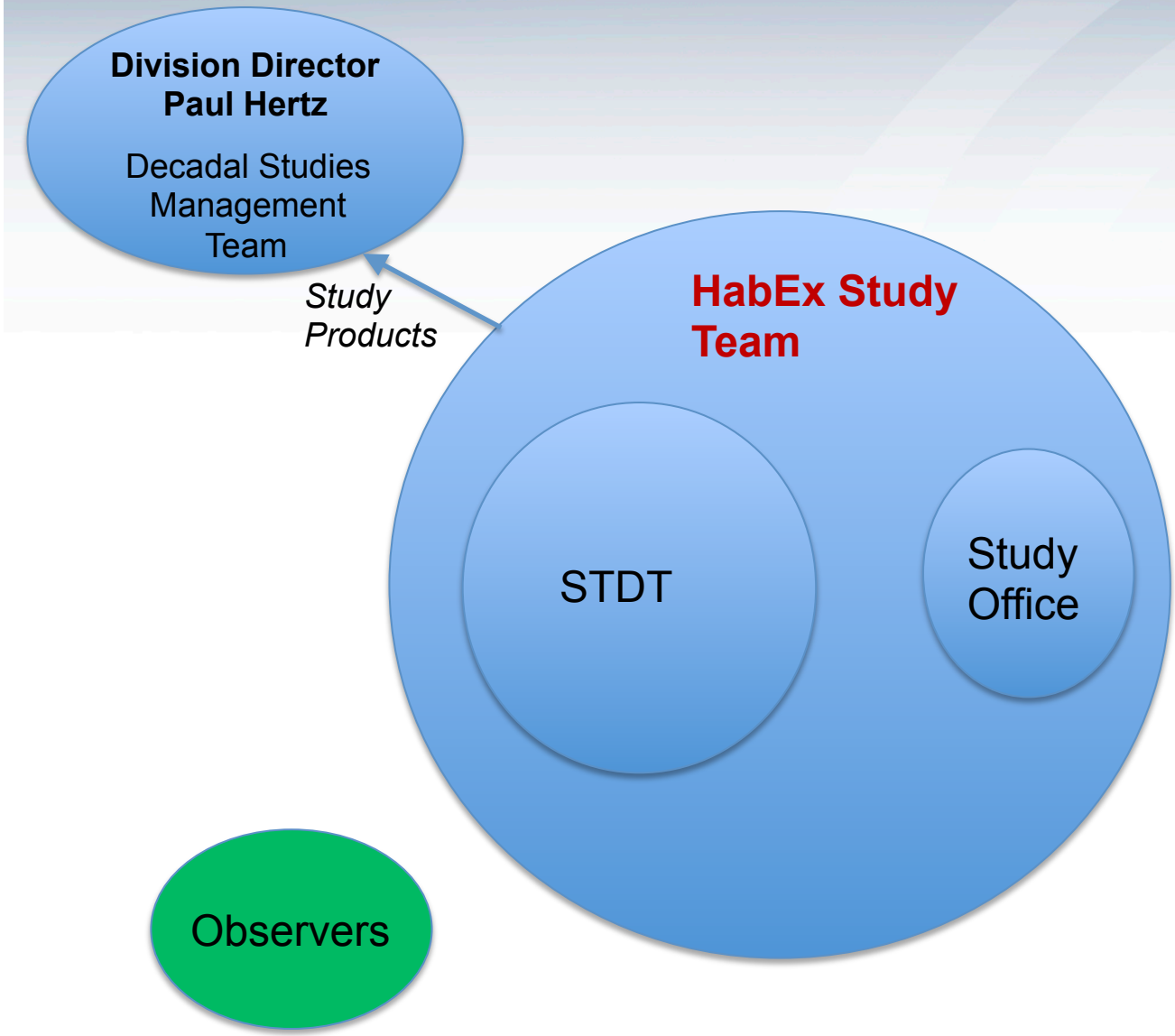
DEFINITION OF YOUR STUDY TEAM



HabEx Study Team

- Union of STDT and Study Office
- STDT and Study Office work together as one team for success of Study
- Each has distinct and complementary roles within the Study Team

Observers

- Welcome and not part of Study Team per se
- Attendance is optional or on-call

WHAT WILL NASA HQ DO DURING YOUR STUDY?

- Select STDT membership
  - http://science.nasa.gov/astrophysics/2020-decadal-survey-planning/
- Charter the STDT
  - http://science.nasa.gov/astrophysics/2020-decadal-survey-planning/
- Fund the Study Office
- Ensure the Study meets it's obligations (cost, schedule, deliverables)
- Propagate Study findings into NASA strategy and programs
  - http://science.nasa.gov/astrophysics/documents/
- Receive STDT deliverables

WHO/WHAT ARE YOUR NASA HQ RESOURCES?

- Program Scientist: Martin Still
- Deputy Program Scientist: Doug Hudgins

- Program Offices:
  - Physics of the Cosmos
  - Cosmic Origins
  - Exoplanet Exploration

WHAT WILL YOUR NASA HQ PROGRAM SCIENTISTS BE DOING BEHIND THE SCENES?

- We are your day-to-day spokesperson(s) at HQ
- We promote Study highlights to NASA leadership
- We look for synergies between studies
- We open doors within NASA to advance your study

WHAT WILL YOUR NASA HQ PROGRAM SCIENTISTS BE SEEN DOING?

INPUT TO THE STDT

- Provide NASA strategy and policy guidance
- Work with the Program Offices to serve the Studies

DATA GATHERING

- We are expected to know details on anything related to your study. If we don't know, we must find out quickly when asked. Have tolerance if we bug you directly for information
- Standing meeting with the Study Office twice per month
- Attend STDT meetings

WHAT DO THE PROGRAM OFFICES DO?

- The Program Offices are responsible for implementing NASA's plans by charting out long-term strategic timelines of technology development, instruments, missions and data collection.

- Program Offices are themed. How does the universe work? How did we get here? Are we alone? There are thus three offices:
  - Physics of the Cosmos (PCOS)
  - Cosmic Origins (COR)
  - Exoplanet Exploration (ExEP)

- Although an arm of NASA HQ, the program offices are located at NASA Centers. GSFC houses COR and PCOS, JPL houses ExEP

- Each program office is committed to the success of all four studies

- As arms of HQ, the program offices are not advocates for individual studies, and will not prioritize helping one study over an other

WHAT WILL YOU SEE THE PROGRAM OFFICES DOING?

- Coordinate their effort across the four studies and three program offices
- Provide status of strategic program development (technology, missions etc) to the STDT
- Help ingest Study findings into NASA's implementation plan
- Help the Studies meet obligations (cost, schedule, deliverables)
- Facilitate the development of industrial partnerships for the Study
- Support the Astrophysics Division in conducting independent cost estimates of mission concepts

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BACKUP

NASA STDT STAFF

Study	Program Scientists	Study Center	Center Study Scientist	Study Office Manager
X-Ray Surveyor	Dan Evans Lou Kaluzienski	MSFC	Jessica Gaskin	Gregg Gelmis
LUVOIR	Mario Perez Erin Smith	GSFC	Aki Roberge	Julie Crooke
FAR IR Surveyor	Kartik Sheth Dominic Benford	GSFC	Dave Leisawitz	Ruth Carter
HabEx	Martin Still Doug Hudgins	JPL	Bertrand Mennesson	Keith Warfield

PROGRAM OFFICE STAFF

Program Office	Program Manager / Deputy	Program Chief Scientist / Deputy	Program Chief Engineer	Program Chief Technologists
PCOS pcos.gsfc.nasa.gov	Mansoor Ahmed / Tom Griffin	Ann Hornschemeier / Peter Bertone	Gabe Karpati	Bernard Seery Bruce T. Pham
COR cor.gsfc.nasa.gov	Mansoor Ahmed / Tom Griffin	Susan Neff / Debbie Padgett	Gabe Karpati	Bernard Seery Bruce T. Pham
ExEP exep.jpl.nasa.gov	Gary Blackwood / Kendra Short	Karl Stapelfeldt / TBD	TBD	Nick Siegler

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