

1996, SPIE Optical Telescopes of Today and Tomorrow Landskrona/Hven, Sweden



Three themes for the next century of astronomy:

- 1. The quest for Physics... the use of the universe as a laboratory... to discover new physical laws, constants and particles.*
- 2. The the quest for the origins. By this I do not mean simply a slogan but the study of the evolution of the universe in order to relate causally the physical conditions during the Big Bang to the development of RNA and DNA.*
- 3. The quest for living space.... Clearly Astronomers will be the pilots and navigators of this enterprise.*

Riccardo Giacconi

1996, SPIE Optical Telescopes of Today and Tomorrow

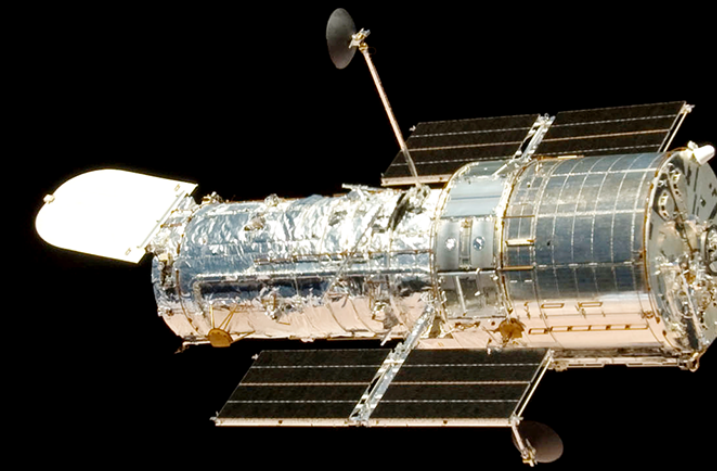


visit to Uraniborg

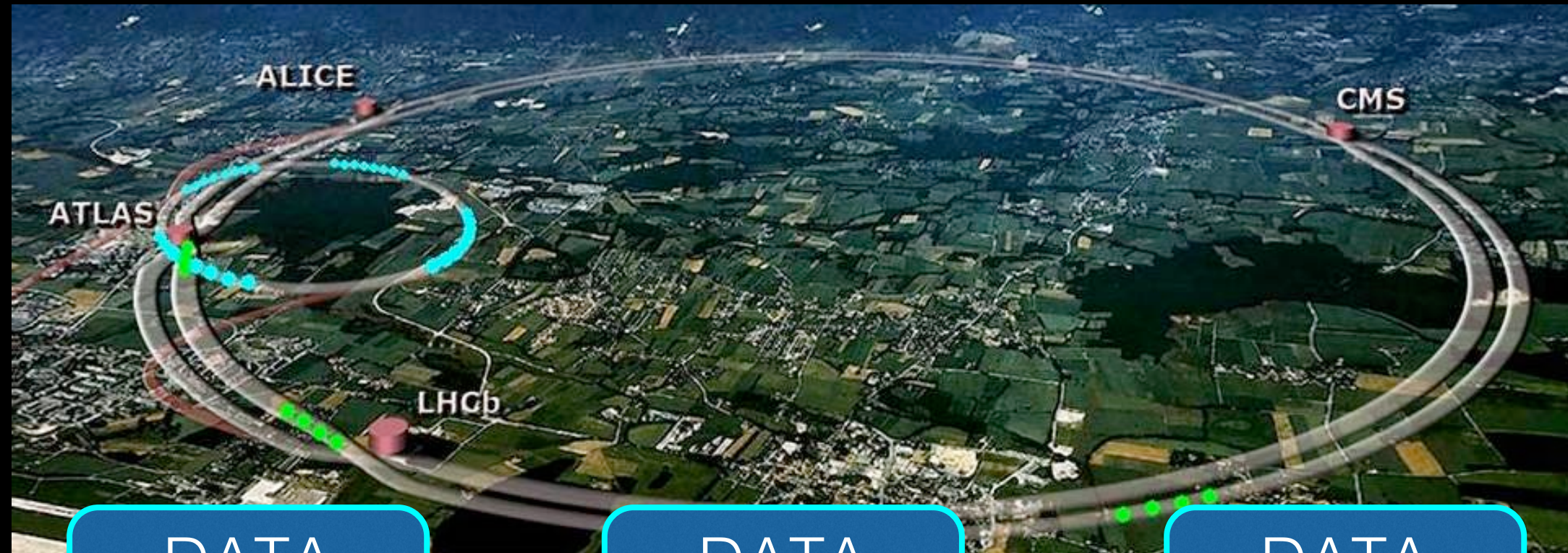
I felt my greatest contribution to the field could be to build great instruments available to the entire astronomical community and to operate them in such a way as to maximize the scientific returns.

Giacconi, Riccardo. *Secrets of the Hoary Deep* (p. 143). Johns Hopkins University Press.

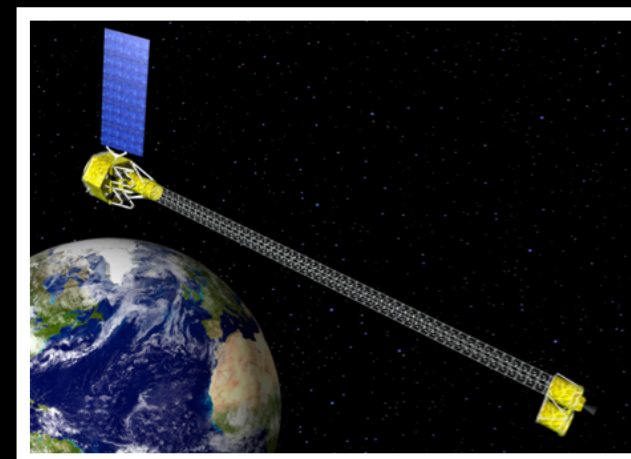
“Giacconi Model”



Science Models

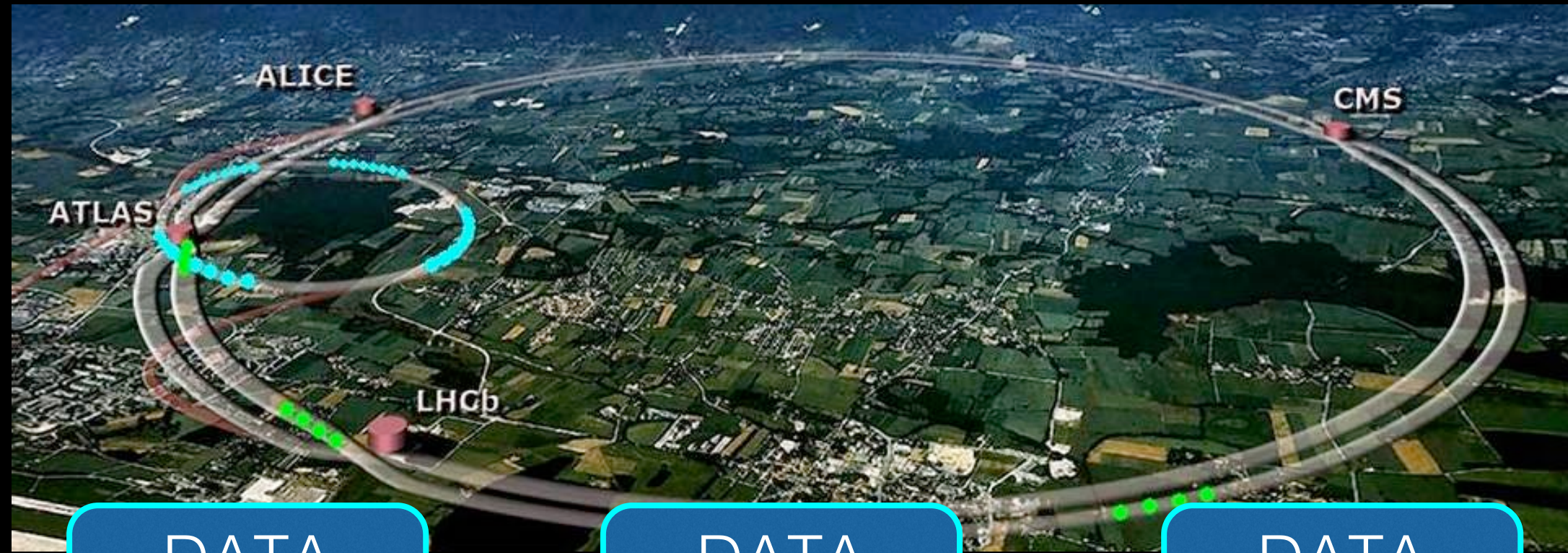


Distinct, self-contained multi-disciplinary teams

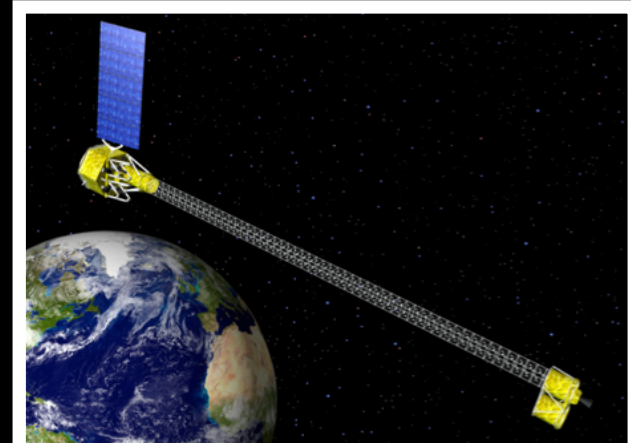


Explorer-class or medium-scale missions

Science Models

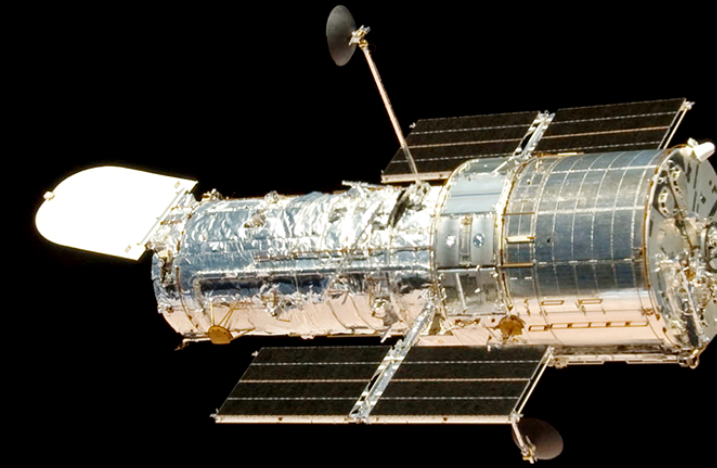


Distinct, self-contained multi-disciplinary teams



Explorer-class or medium-scale missions

"Giacconi Model"

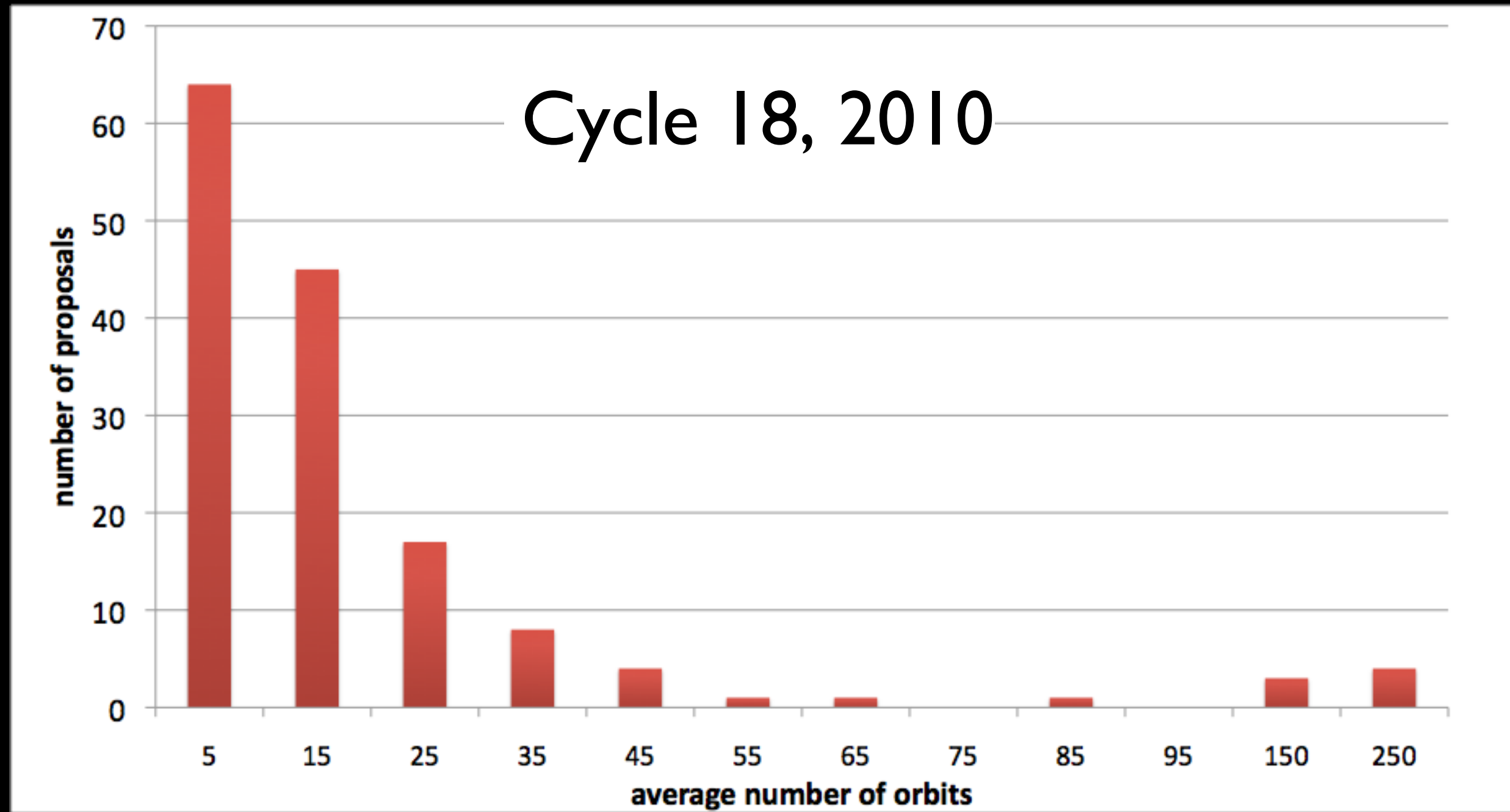


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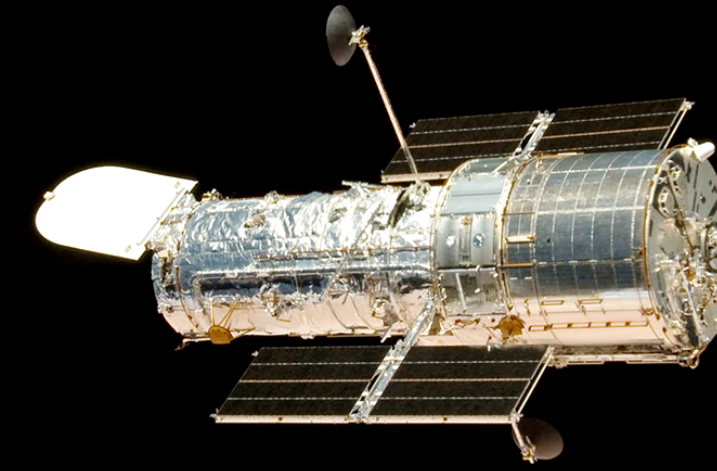


Science Models



enables science at all scales

“Giacconi Model”

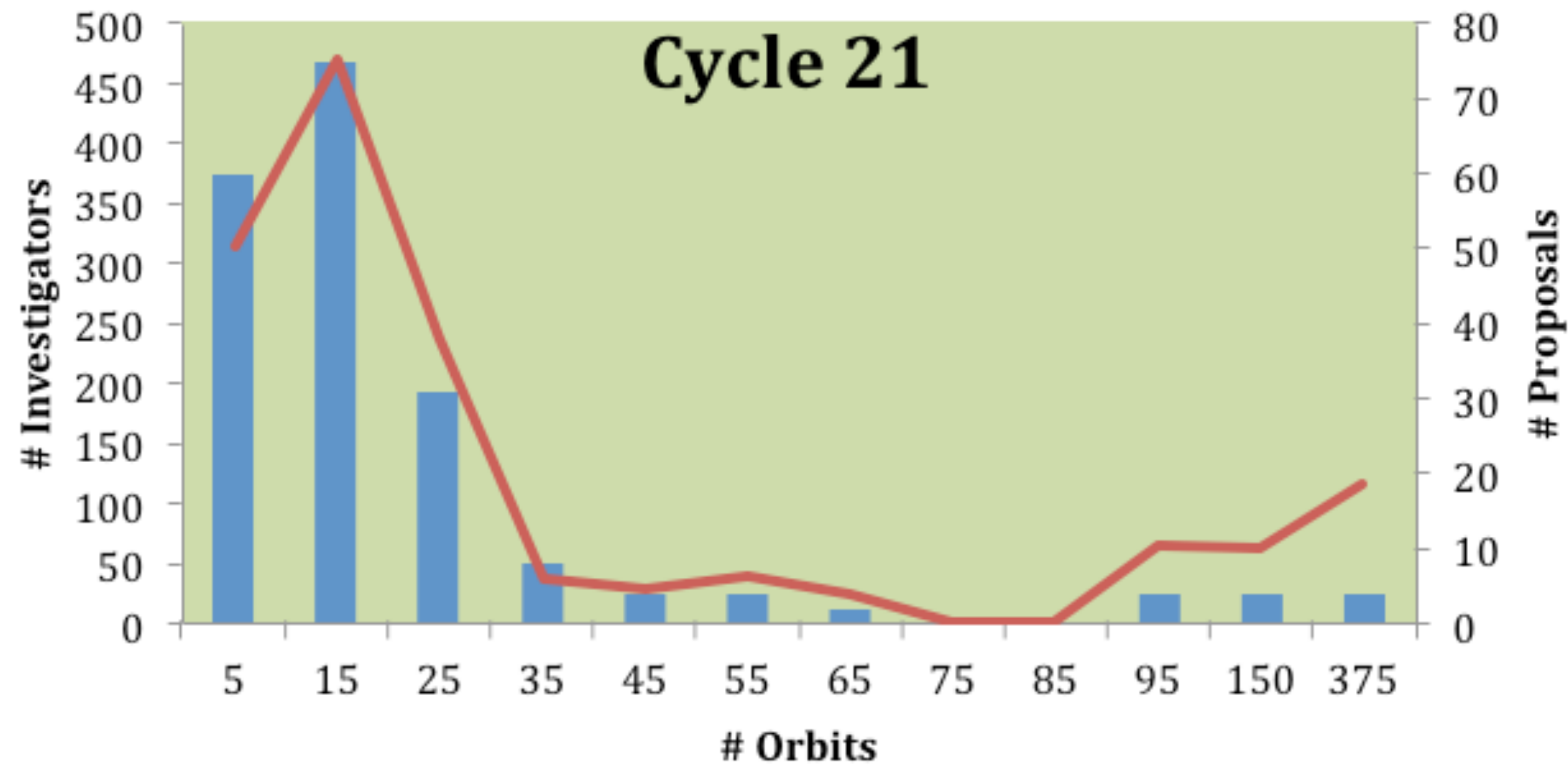


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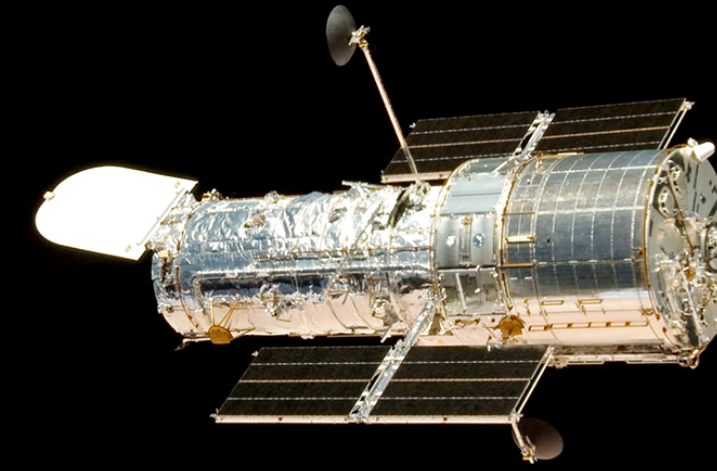
Science Models



enables science at all scales

engages a broad community

“Giacconi Model”

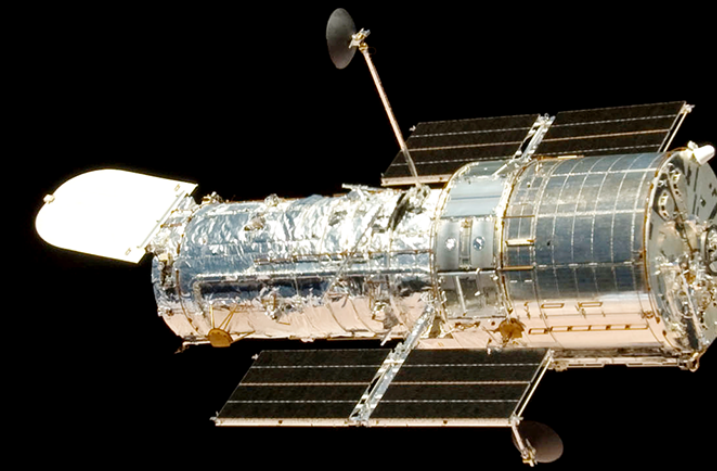


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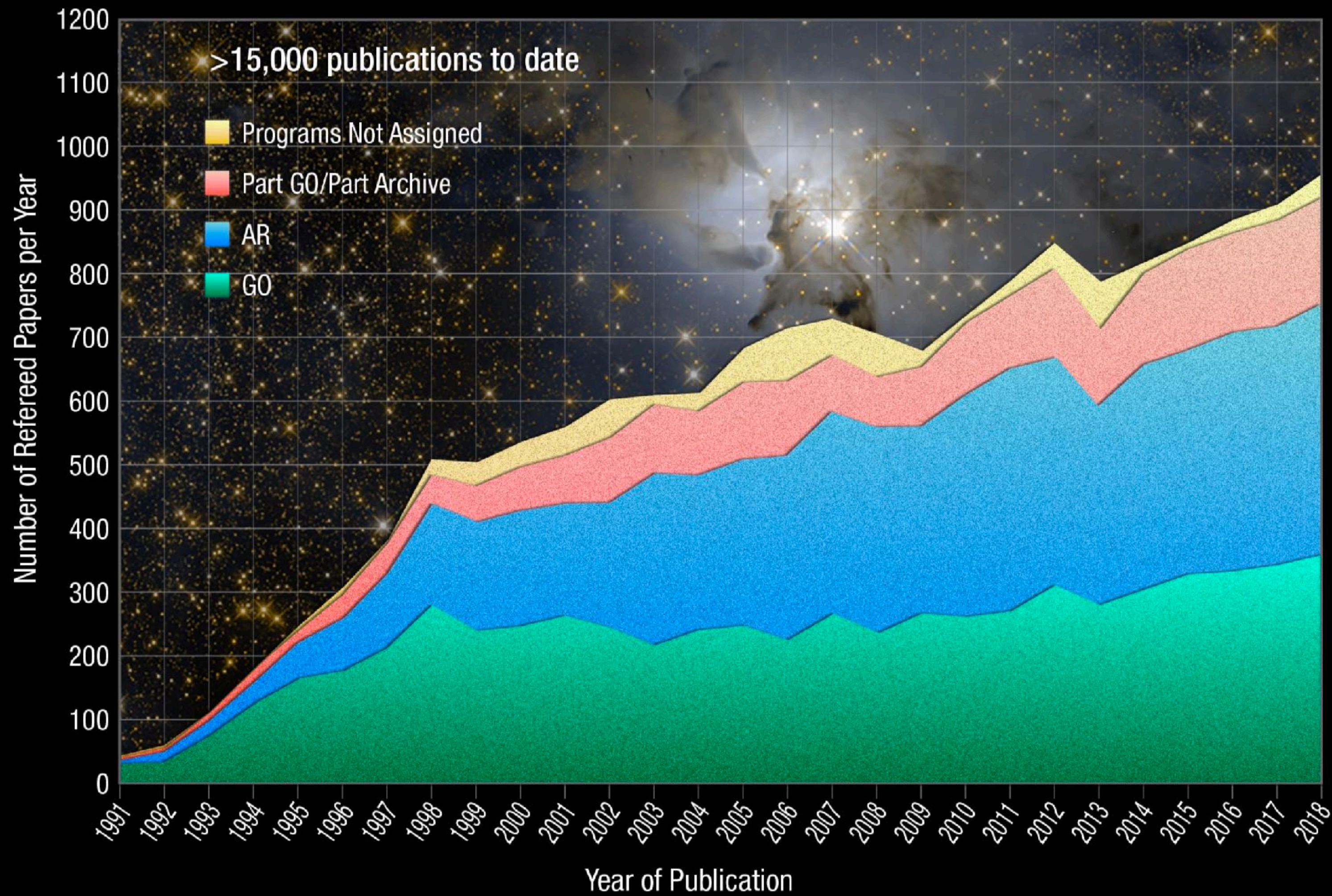
Large, diverse science community
> 12,000

“Giacconi Model”

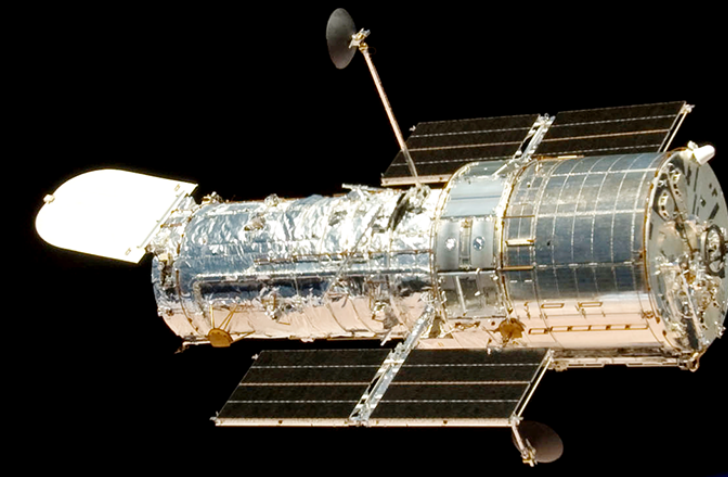


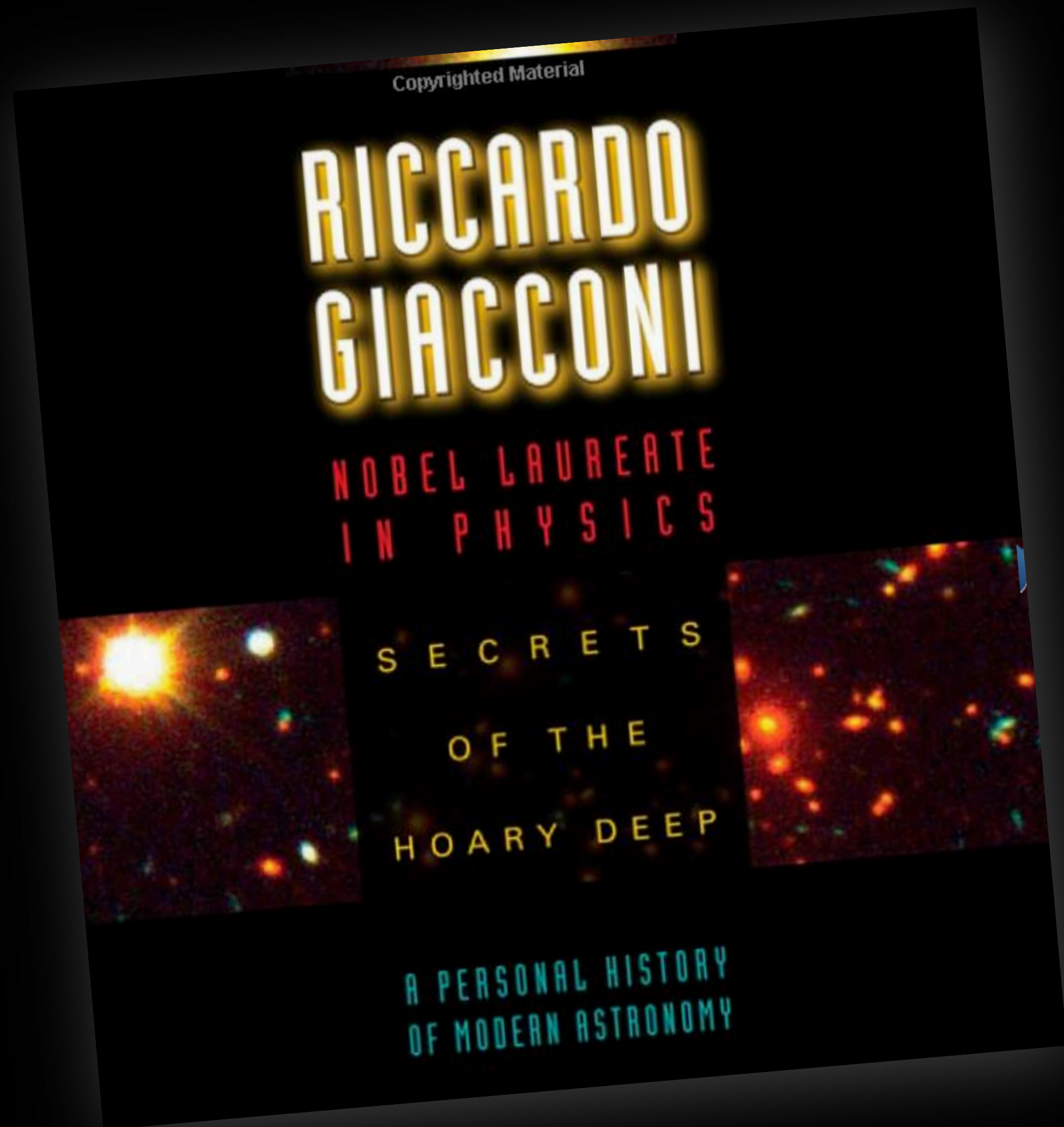
Making our data available to other scientists for their analysis would increase, not decrease, the impact of our work.

Giacconi, Riccardo. Secrets of the Hoary Deep (pp. 185-186). Johns Hopkins University Press.

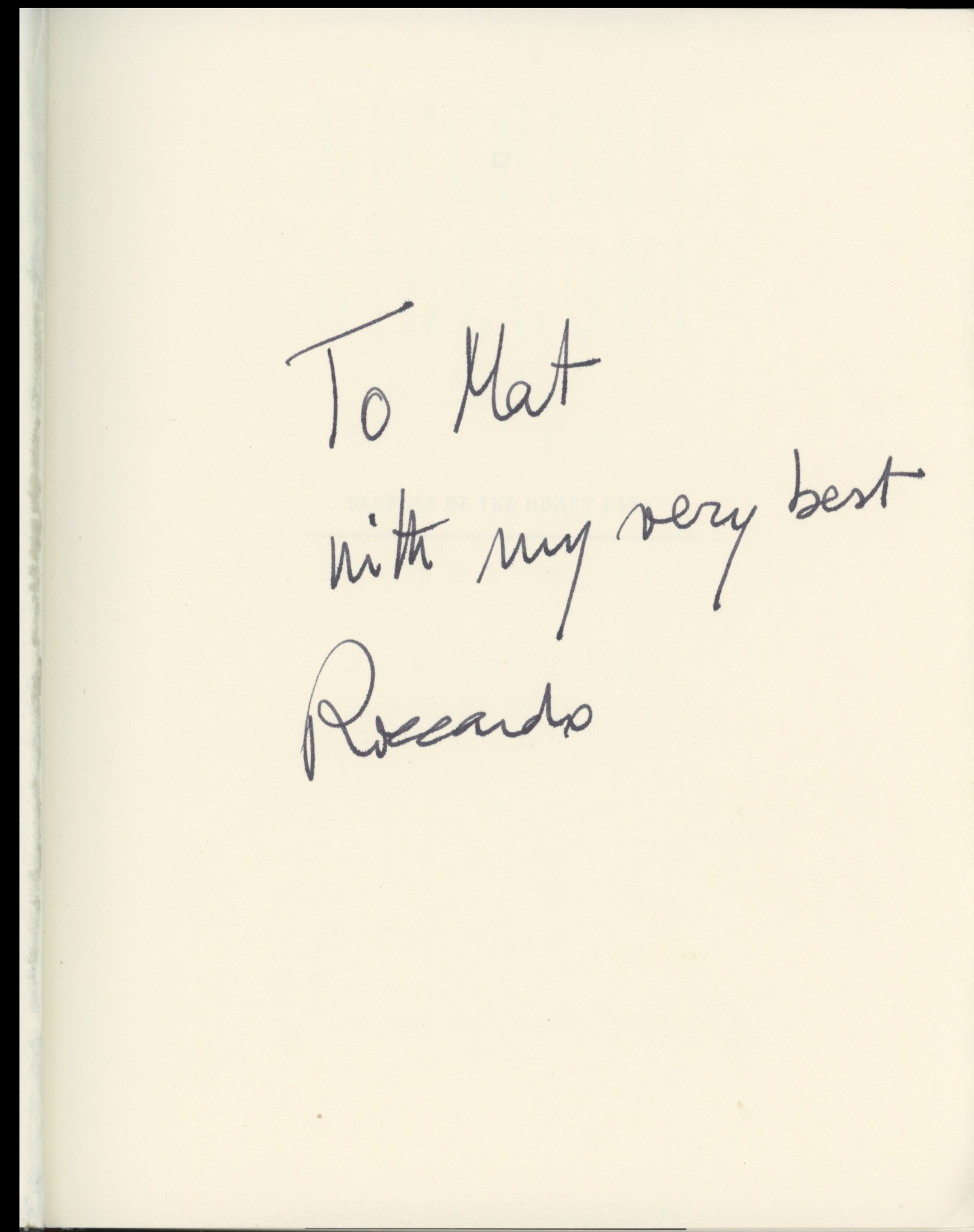


“Giacconi Model”





2008



I wrote chapter's twelve through fifteen as a kind of manual on how I ran STScI, ... at least how I believe I ran it....

The Giacconi Model “the drive for excellence^{1.}”



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Mar 20, 2019

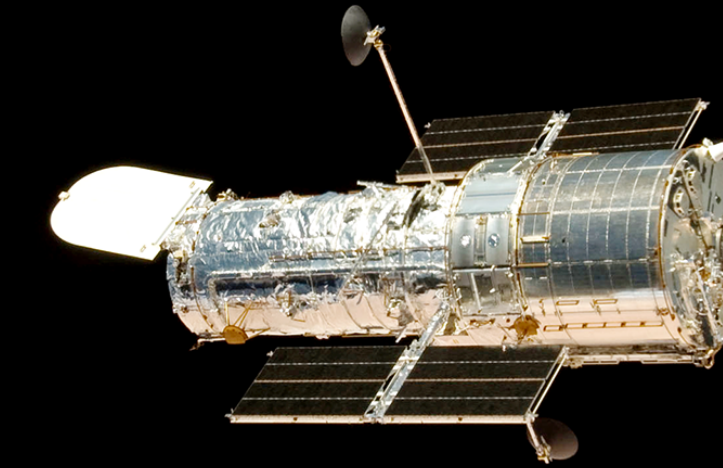
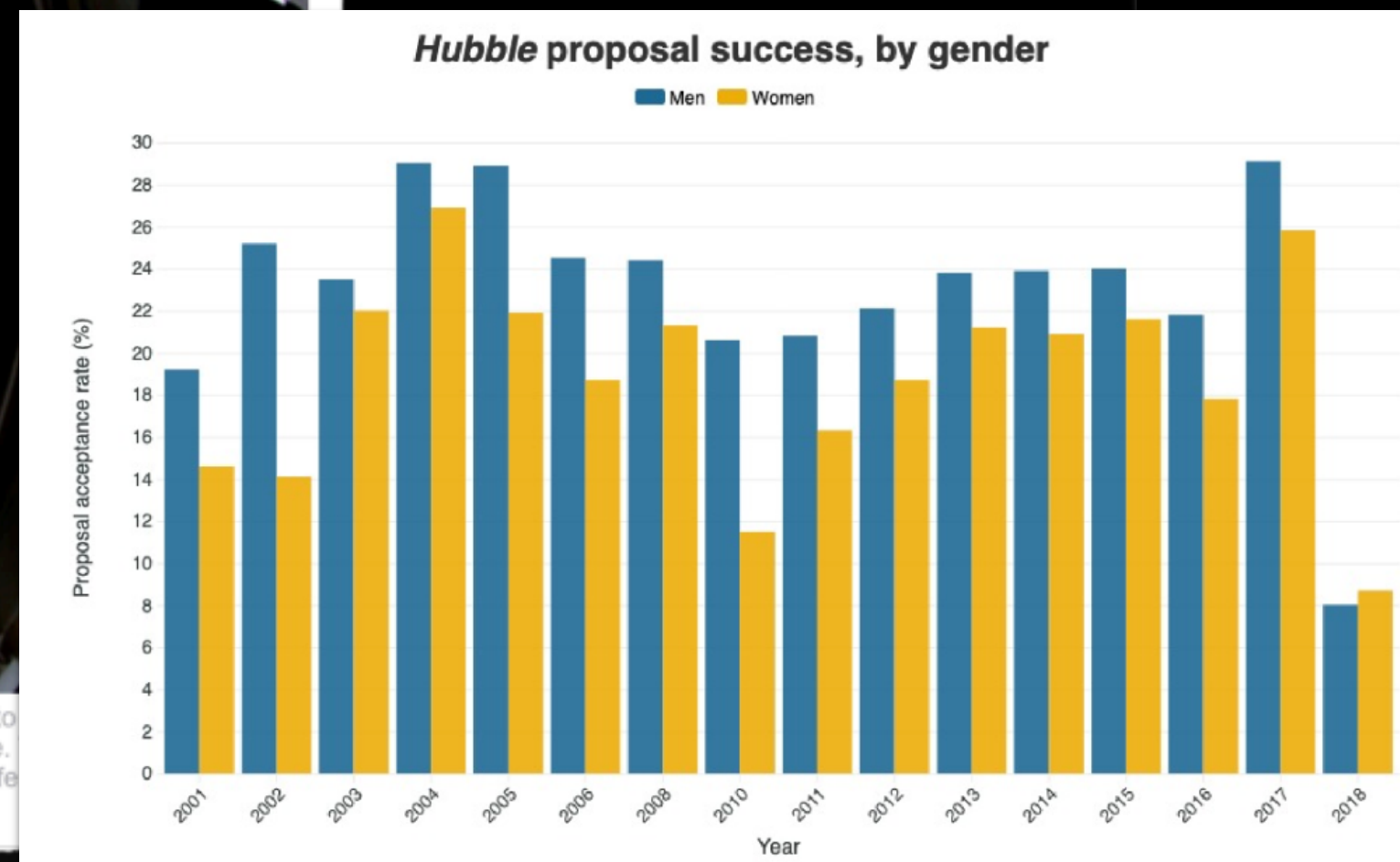
Here's What a Real Meritocracy Looks Like

Faye Flam, Bloomberg News



IN SPACE - MAY 13: In this handout from NASA, the Hubble Space Telescope is grappled to STS-125 by the shuttle's Canadian-built remote manipulator system May 13, 2009 in Space. Atlantis' mission is to overhaul the Hubble Space Telescope in order to extend its working life (images) , Photographer: NASA/Getty Images North America

Double-blind selection



1. occurs 35 times in Secrets of the Hoary Deep, Giacconi, Riccardo. Johns Hopkins University Press.

“The reviewers had to read the proposals carefully and think about them, rather than taking the shortcut and assuming the more famous astronomers should win. With evaluations based entirely on proposal merit, newcomers or people from lesser-known institutions get a chance, and those who are well established will continue to face critical review.”