



Engaging the public in astronomical heritage

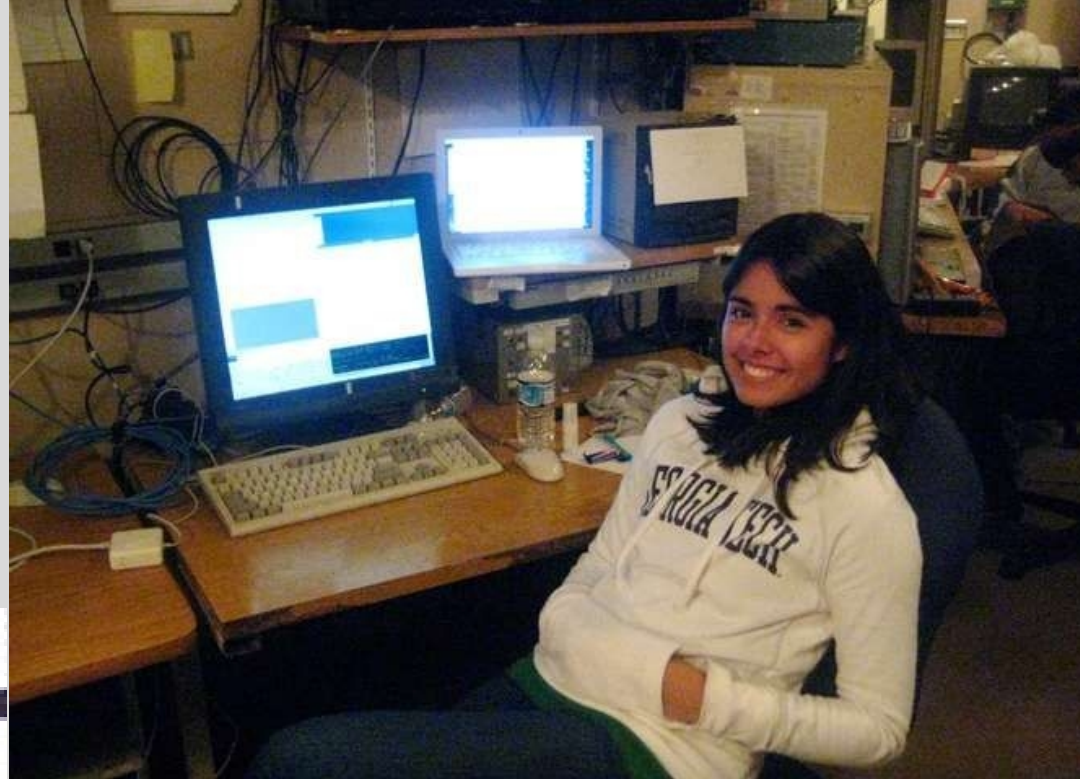
~~The bicentenary celebrations and a public exhibition~~

Kechil Kirkham
Space Advisory Company
Centre for Astronomical Heritage

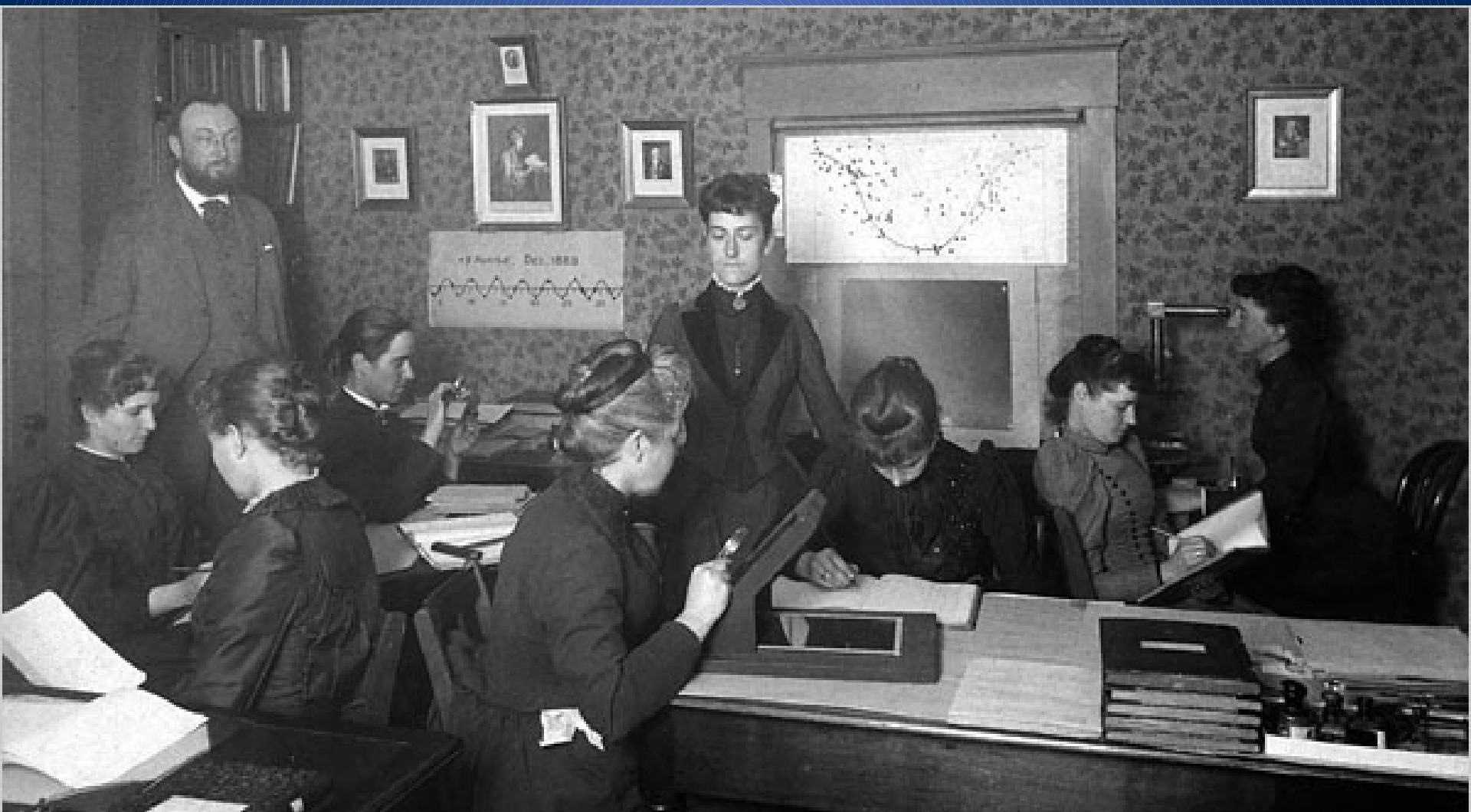
kechil@spaceadvisory.com



Image credit: David Reneke



Computers

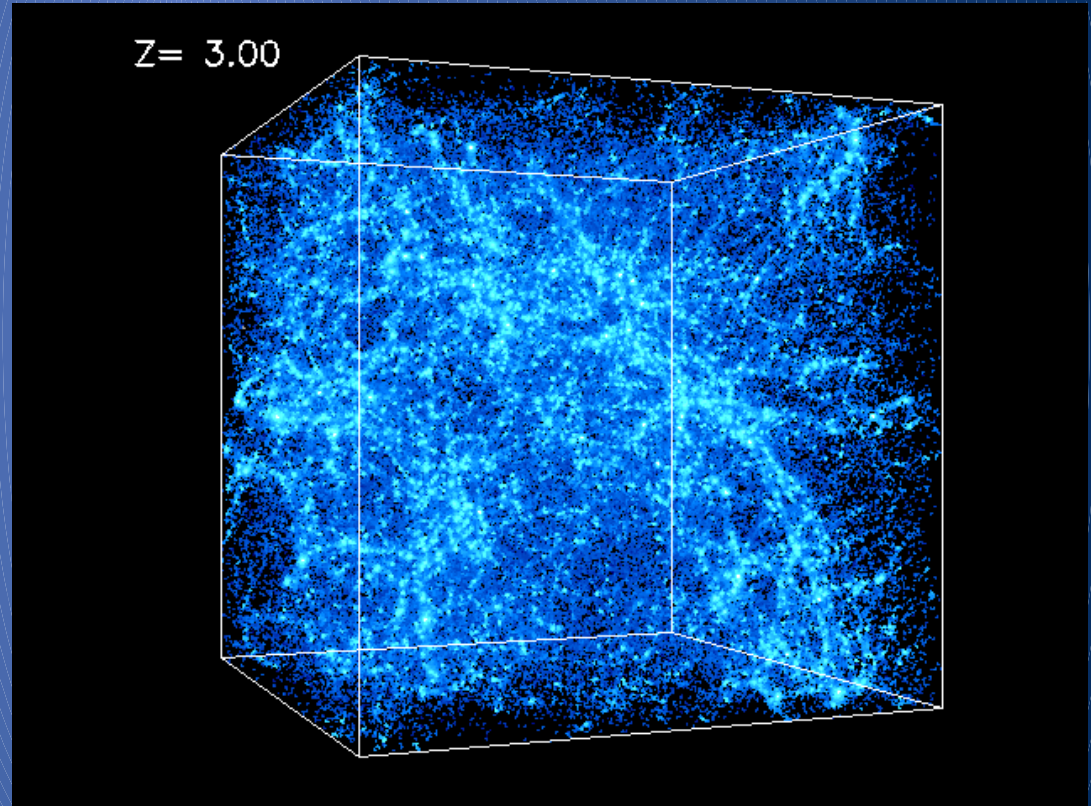
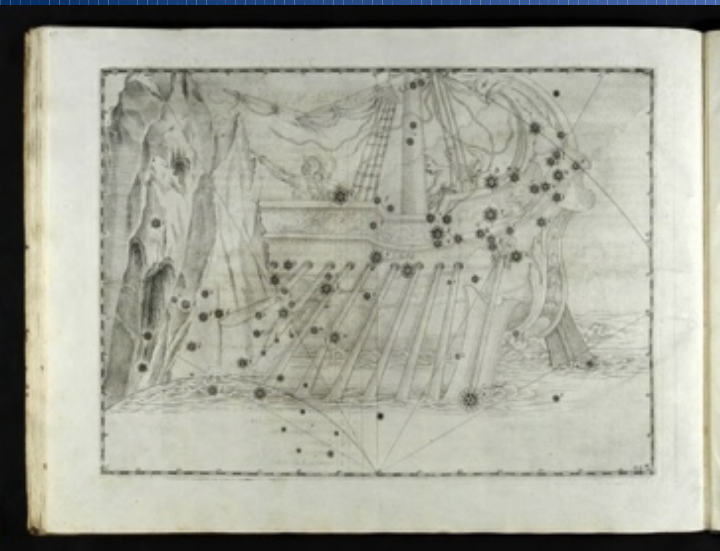
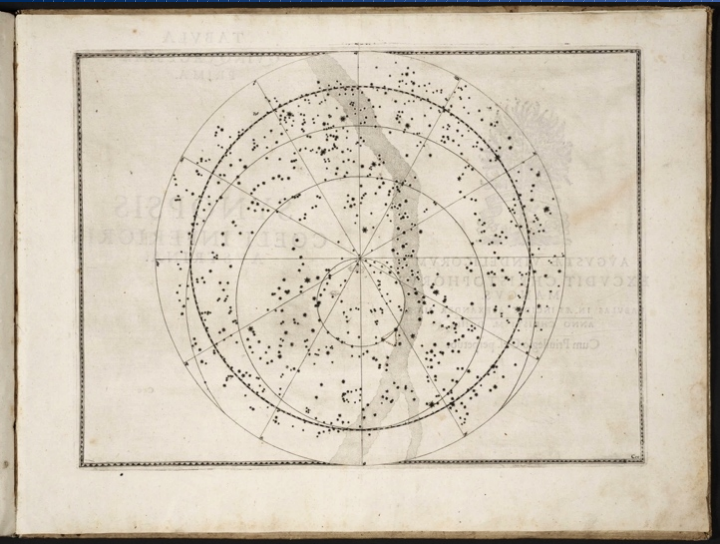


More ancient astronomers



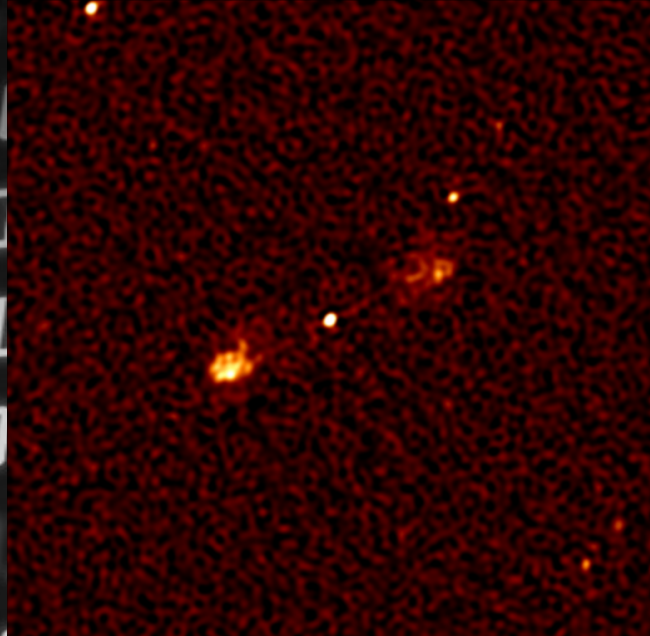
Credit: Jake Scaltreto

How *did* we get from there to here?





How do we get from A to B?



2020 Bicentenary Celebrations

- List of events and facilities to be developed
- Music and the arts
- SAAO site more open to the public – possibly new visitor centre?
- Upgraded visitor facilities at Sutherland
- Planetarium videos of SAAO, SKA,

Astronomical Data Exhibition

- Originally a bid to RAS incorporating:
 - A mobile, substantial exhibition which is taken around South Africa
 - Several outreach activities including workshops in township communities
 - Developing facilities for the blind
- Given initial funding this is reduced to a fixed, hopefully permanent exhibition

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Astronomical Data Exhibition: Components

1. Pre-science (mythologies, ethnoastronomy, astrology, runs parallel with modern science)
2. Astrocartography
3. Astrophotography and astrospectography
4. Data visualisation and Big Data

Astronomical Data

Exhibition:

Partners

- Royal Astronomical Society (part-funders)
- SAAO
- SKA
- IDIA
- Planetarium
- Iziko Museum?
- Space Advisory Company

Astronomical Data Exhibition

- In Iziko Museum?
- Charting history of astronomical data, featuring heritage artefacts (instruments, notebooks, plates etc.)
- Timeline from the earliest days of human habitation to the future of big data, commensal observing, radio astronomy and large scale surveys

What we need now

- In order to produce a pilot for Space Week:
 - Discussions with Iziko
 - Sponsors
 - An agency who can put this together (already started discussions)
 - A concrete project structure and plan
 - Creative ideas

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The bicentenary celebrations and a public exhibition

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Introduction and Scope

© SCS-Space - Compiled by <Author> (dd-
mmmm-ccyy)

Updated by :

20yy-mm-dd Author – Notes from
<discussion> 20yy-mm-dd

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Heading {Responsible Person for Task}

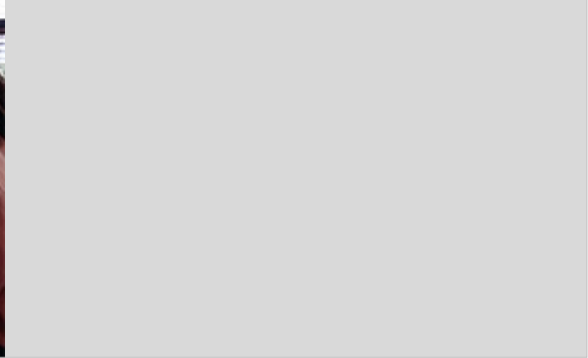
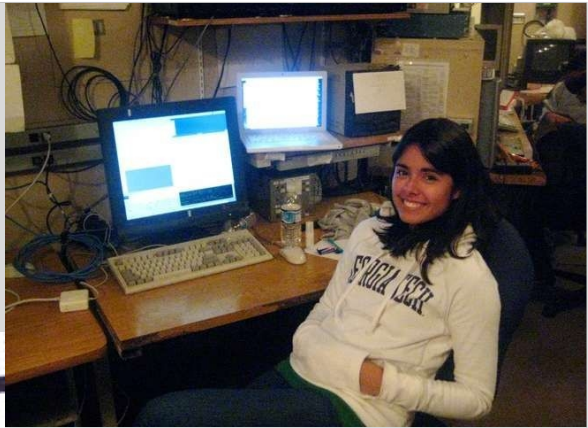
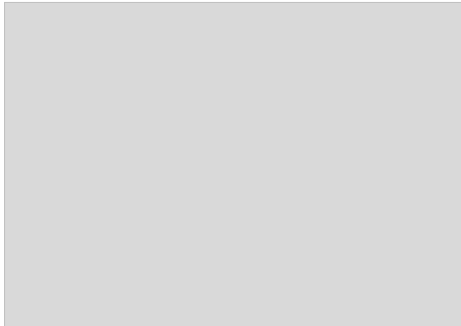
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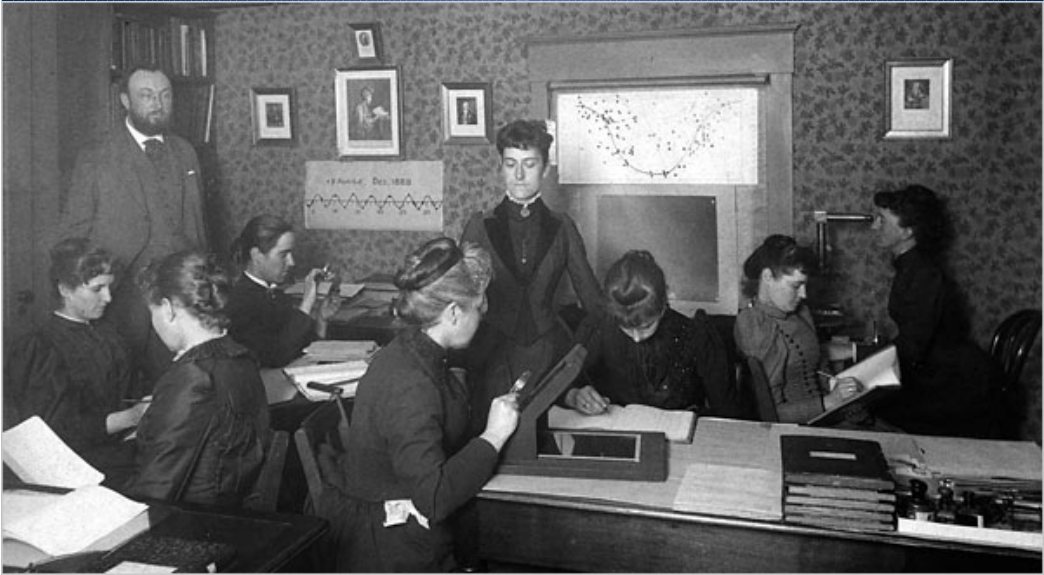
Tasks identified during preparation of
presentation :



Image credit: David Reneke



Computers

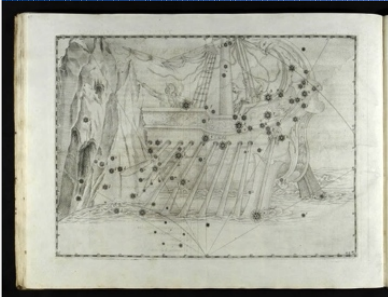
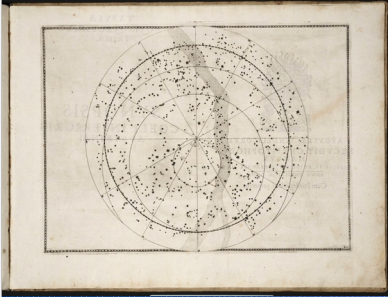


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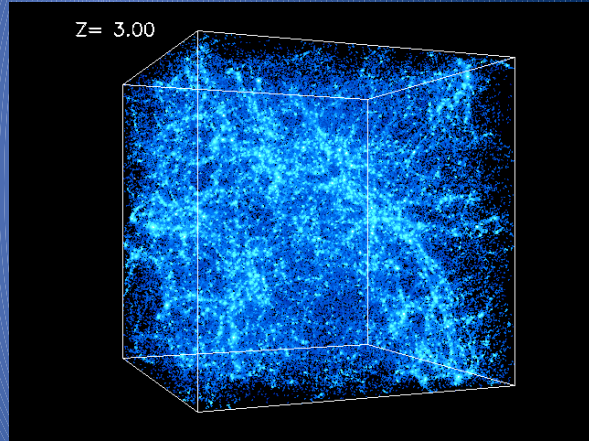


Credit: Jake Scaltreto

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Uranometria

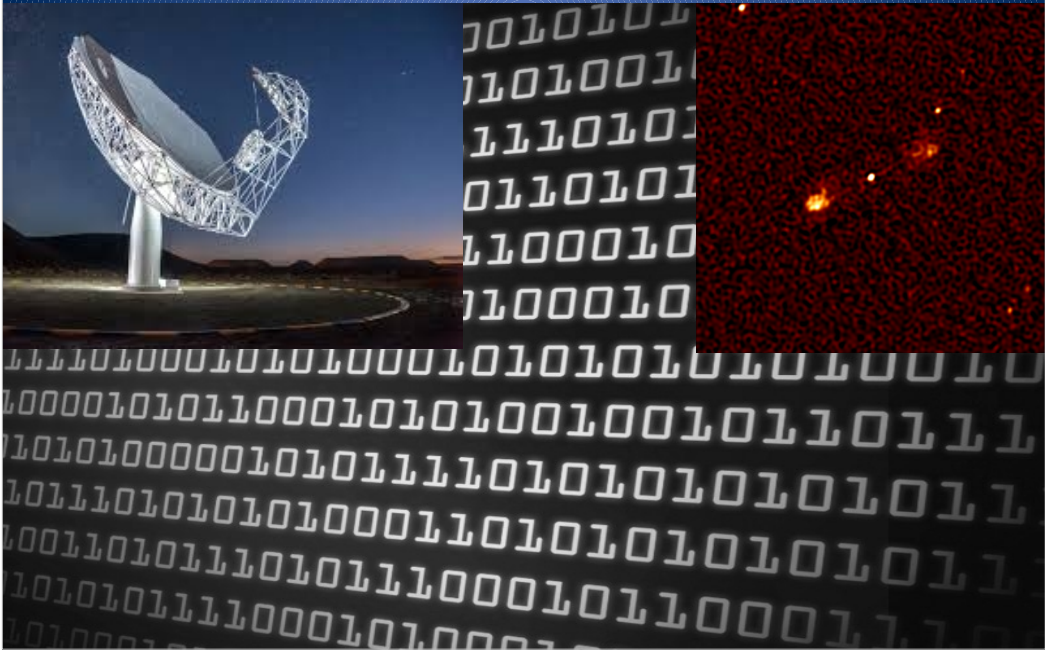


Credit: U of Chicago

Uranometria was originally published in 1603
by Johan Bayer



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A pilot to be developed for Space

Struck me this last 2 days that the history of astronomy features the history of mostly dead white males. I've managed to somehow redress the balance with these pictures, but almost every person associated with any image or list of contributors have been DWMs. This is simply the case. But this is not a message that will work in SA. In order to engage the public, most of whom are NOT white males, we need to focus on something else.

Also struck me about Hemelliggaam how much funding they have for their exhibition, and that being artists they are closer to marketing and publicity, and that we scientist and engineer types know nothing about

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 WCCR 2018

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