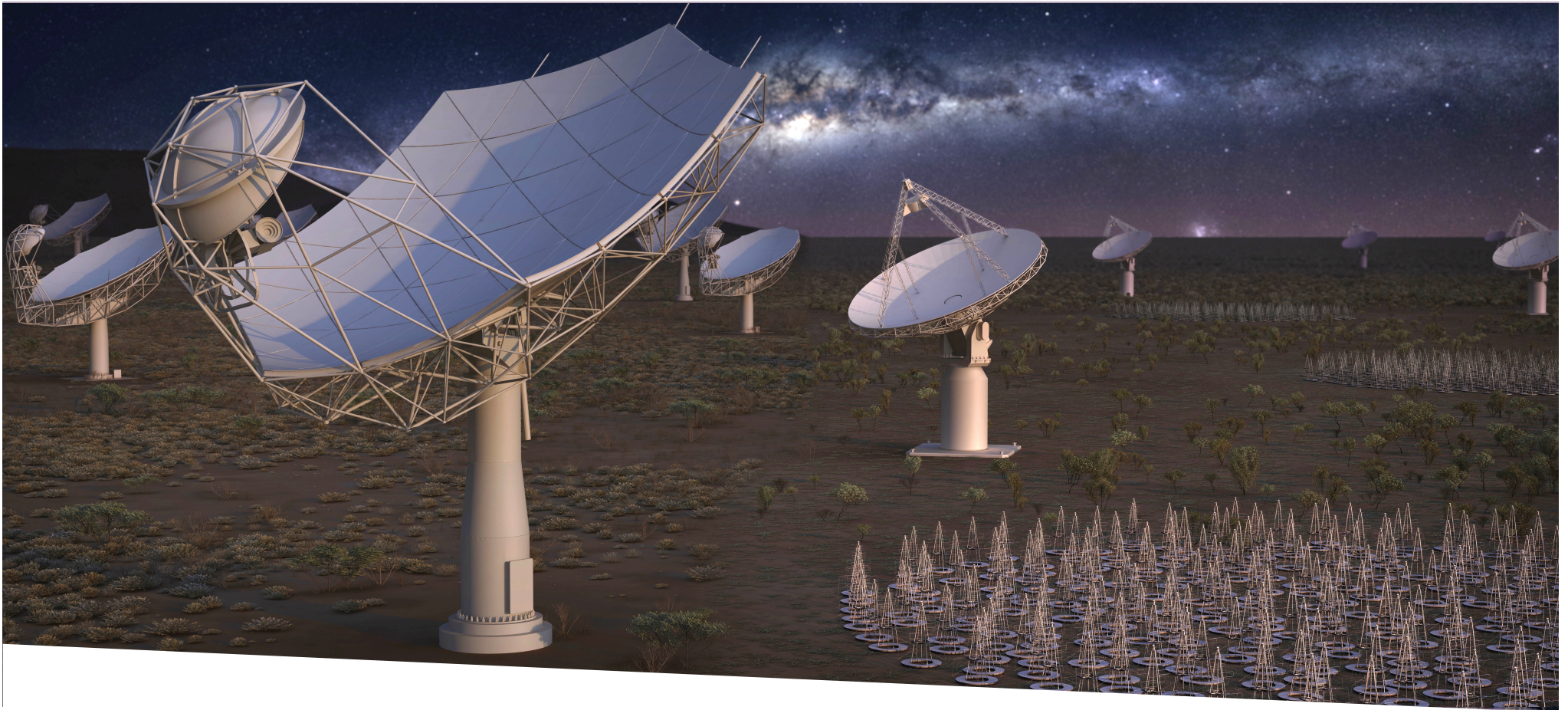


# SKA SWG Update



**SQUARE KILOMETRE ARRAY**

Exploring the Universe with the world's largest radio telescope

**Robert Braun, Science Director**

9 January 2018



# Season's Greetings from the SKAO!



*Season's greetings from  
the SKA Organisation*



# Critical Design Review Schedule



Milestone	Date
AIV CDR close	December 2018
CSP CDR close	July 2018
DSH CDR close (Element & Band 2)	December 2018
DSH CDR close (Bands 1 & 5)	April 2019
INAU CDR close	July 2018
INSA CDR close	July 2018
LFAA CDR close (SKALA4 delays?)	Sept 2018
SaDT CDR close	June 2018
SDP CDR close	December 2018
TM CDR close	June 2018
System CDR close	December 2018
Construction Proposal submission	March 2019



# SKAO Code of Ethics

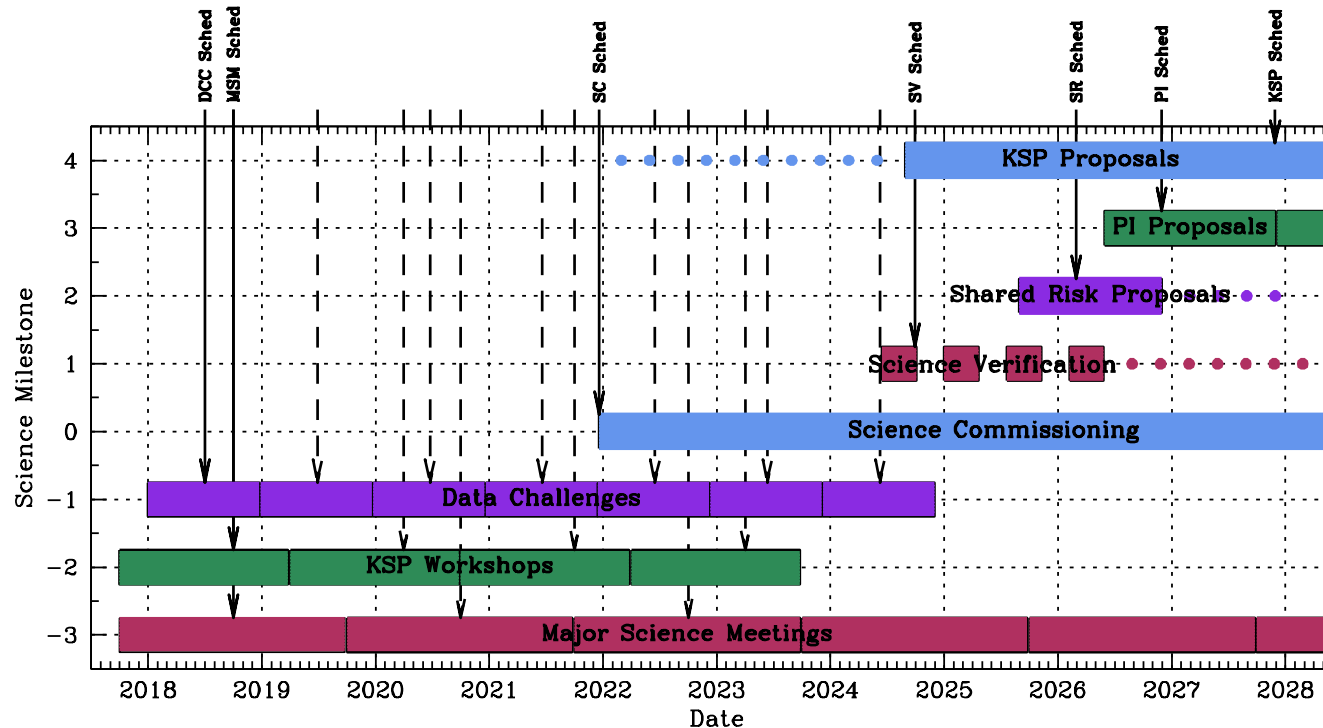
- Follows on from “Code of Conduct for Meetings”
  - Behave professionally
  - Sexual or sexist language and imagery is not appropriate
  - Be kind to others
- More detail on expected professional behaviour
- Method of handling potential ethical breaches

[www.skatelescope.org/wp-content/uploads/2017/12/SKAO\\_Code\\_of\\_Ethics\\_Nov17.pdf](http://www.skatelescope.org/wp-content/uploads/2017/12/SKAO_Code_of_Ethics_Nov17.pdf)

- Please familiarise yourself with the policy and procedures
- Please do your part to safe-guard a safe and professional environment for our entire community



# SKA1 Science Milestones



- Please continue to provide your input!
- Key take-away messages so far include:
  - Longer time interval between Allocation and Scheduling of KSPs
  - Need for clarity around: KSP versus PI definition, “level playing field” for different observing modes, access policy implementation
- Plan for Discussion Session during September Meeting/Workshop

# SKA Data Challenges

- Ongoing consultation with SWGs on what they would need from an SKA data challenge
  - What is a plausible database/data-product size and data format?
  - What aspect is of greatest interest to you (e.g. Visibility-based, image-cube-based, time series, calibration, source extraction, etc. )
  - What data format is most desirable ?
- Ongoing planning of the Challenges activities, including
  - Availability of codes/tools for producing simulated datasets;
  - Availability of real data from pathfinder/precursors that could be relevant;
  - Computing resources available
  - Options for hosting the database



# Recent / Upcoming Meetings



- Cosmology Meeting, QMUL, 18 – 19 & 20 Dec 2017
- NZ SKA Forum/Computing for the SKA, Auckland, 13 – 16 Feb 2018
- SKA Key Science Project Workshop, SKA HQ,  
**3 – 7 September 2018**
  - Suggested Title:
    - “New Science enabled by New Techniques in the SKA Era”
    - Computationally intensive surveys, astrophysical machine learning, “Smart” pulsar timing, finding AGN in the EoR epoch, etc.!
  - Please nominate your SWG/FG rep. for the SOC



# SQUARE KILOMETRE ARRAY

Exploring the Universe with the world's largest radio telescope



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[www.skatelescope.org](http://www.skatelescope.org)