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# SAGE

## Science Advisory Group for EVLA

K. Y. Lo



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## Purpose/History

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- Science Advisory Group for the EVLA formed by the Director to advise the NRAO on optimizing the scientific impact of the EVLA.
  - Members drawn from wider astronomy community (specific effort to recruit non-radio astronomers).
  - SAGE established in Nov. 2006.
  - Terms of Reference modeled on ANASAC.
  - First meeting held in Socorro, May 22/23, 2007.
  - Report sent to the Director, July 24, 2007.
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# Committee Charge



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- Advise on science priorities
    - First scientific user observing modes
    - First science programs (e.g. first images, surveys, key targets, etc.)
    - Prioritize descopes (presently not thought necessary)
  - Participate in development and testing of user capabilities
  - Provide conduit between NRAO and North American science community
    - “Marketing” of dramatic new scientific capabilities
  - Specific topics to consider
    - EVLA Science Workshop
    - planning for the first science after arrival of the WIDAR correlator
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# SAGE: Science Advisory Group for EVLA

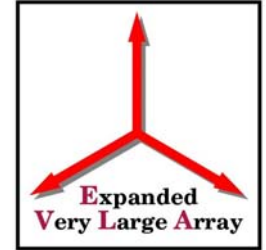


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- Andrew Baker (Rutgers)
  - Amy Barger (Wisconsin)
  - Stefi Baum (RIT)
  - Ken Chambers (Hawaii)
  - Sean Dougherty (HIA)
  - Jacqueline van Gorkom (Columbia)
  - Lincoln Greenhill (CfA)
  - David Helfand (Columbia) - Chair
  - Zeljko Ivezić (Washington)
  - Rob Ivison (ATC, Edinburgh)
  - Shri Kulkarni (Caltech)
  - Stan Kurtz (UNAM)
  - Joe Mohr (Illinois)
  - Stuart Vogel (Maryland)
  - Min Yun (UMass)



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## “Recommendations”



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1. Algorithmic development for the EVLA
  2. EVLA/ALMA software reuse
  3. Involving community experts; commissioning postdocs
  4. Topical scientific meetings
  5. Coordination with eMERLIN
  6. Continue reaching out to broader community
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# New deliverables from SAGE



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- 1) An update to the now nearly decade-old science case based on developments in the intervening years;
  - 2) A set of priorities that can be used to drive decisions of resource allocation and/or inform descope options; o
  - 3) a small set of compelling science vignettes to be used in arguing for funding, etc.
- Awaiting R. Perley sending the original science case document to SAGE members