

Associated Universities Inc.
& Riccardo Giacconi

AUI – Associated Universities Inc.

- AUI was established in 1946 as an educational institution dedicated to research, development, and education in the physical, biological and engineering sciences.
- Nine northeastern universities joined in sponsoring AUI in 1946: Columbia University, Cornell University, Harvard University, Johns Hopkins University, Massachusetts Institute of Technology, University of Pennsylvania, Princeton University, University of Rochester, and Yale University.
- “..interested in promoting and establishing in the NE a Govt research laboratory for nuclear science”
- 1947-1998 – Built & managed Brookhaven National Laboratory
- AUI/BNL were responsible for the design, development, construction, and operation of numerous major facilities, the most recent being the National Synchrotron Light Source and the Relativistic Heavy Ion Collider.
- Six Nobel prizes awarded to BNL research during this time.



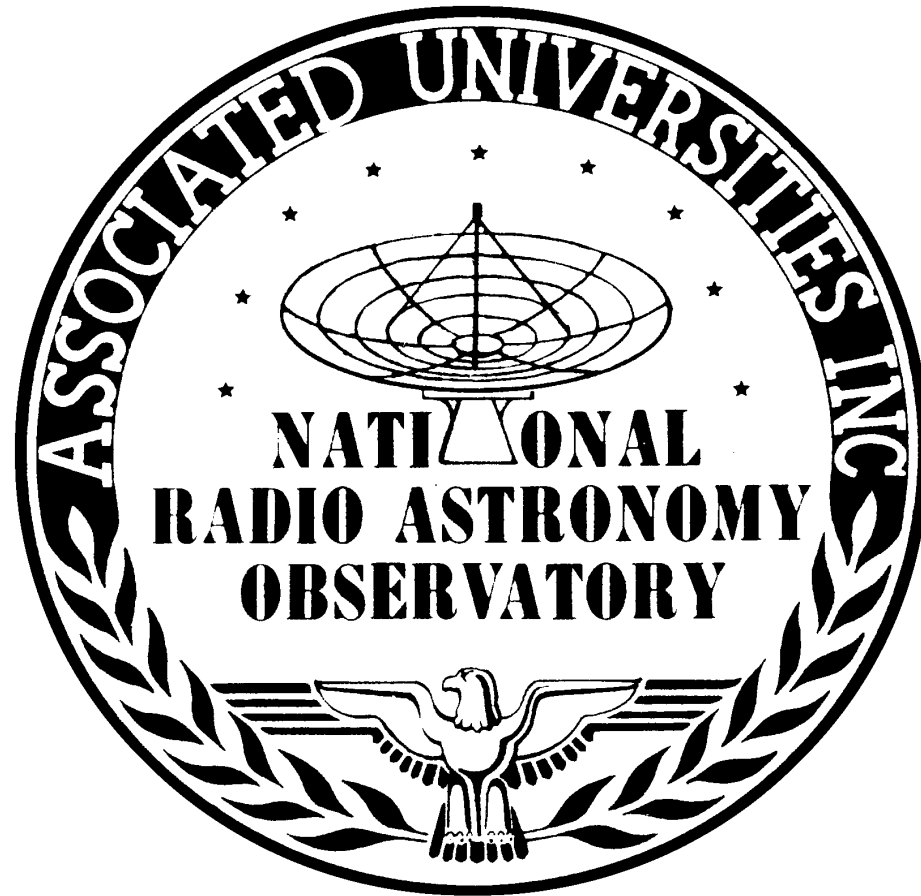
BROOKHAVEN
NATIONAL LABORATORY
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RESEARCH LIBRARY

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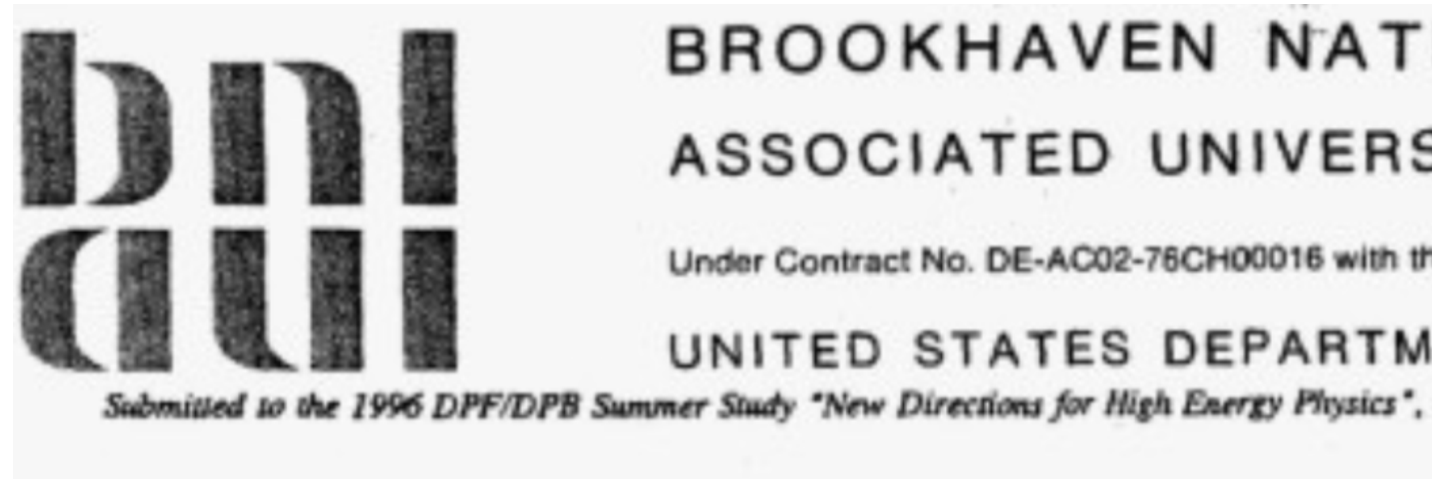
THE FOUNDING OF THE BROOKHAVEN NATIONAL LABORATORY
BY ASSOCIATED UNIVERSITIES, INC.

National Radio Astronomy Observatory

- 1950s: US catching up with the world in radio astronomy...
- NSF requests AUI to bring forward a plan for a national instrument.
- NRAO established in 1956 in Green Bank, WV.
- Major instruments: 140', 300', GB Interferometer, Very Large Array, 12m telescope @ KP, Very Long Baseline Array,
- **Green Bank Telescope, Atacama Large Millimeter Array, Expanded Very Large Array – on RG's watch...**



1950s-1960s



1970s-2000s

AUI – late 90's

- AUI President – Lyle Schwartz
- Based on two safety incidents at the lab – DOE canceled AUI's BNL contract.
- Interim President – Martha Haynes – AUI searches for new directions, business.
- RG – AUI President - 1999-2004 (where I encountered him...)
- Astronomy challenges:
 - ALMA – joint development underway; defining international relationship
 - VLA → EVLA upgrade – simultaneously
 - GBT – difficult litigation getting underway...
- Other business – Science on the ISS?

Speakers

Pat Donahue – worked closely with RG from the beginning of his AUI period

Gene Levy – AUI Board member during RG's key President years

Al Wooten – North American ALMA Project Scientist for ALMA

