

The Globular Cluster-Galaxy Connection



1st meeting: July 1992;
*Globular Clusters Within
the Context of Their
Parent Galaxies*

2nd meeting: July 2011;
KraftFest 2011

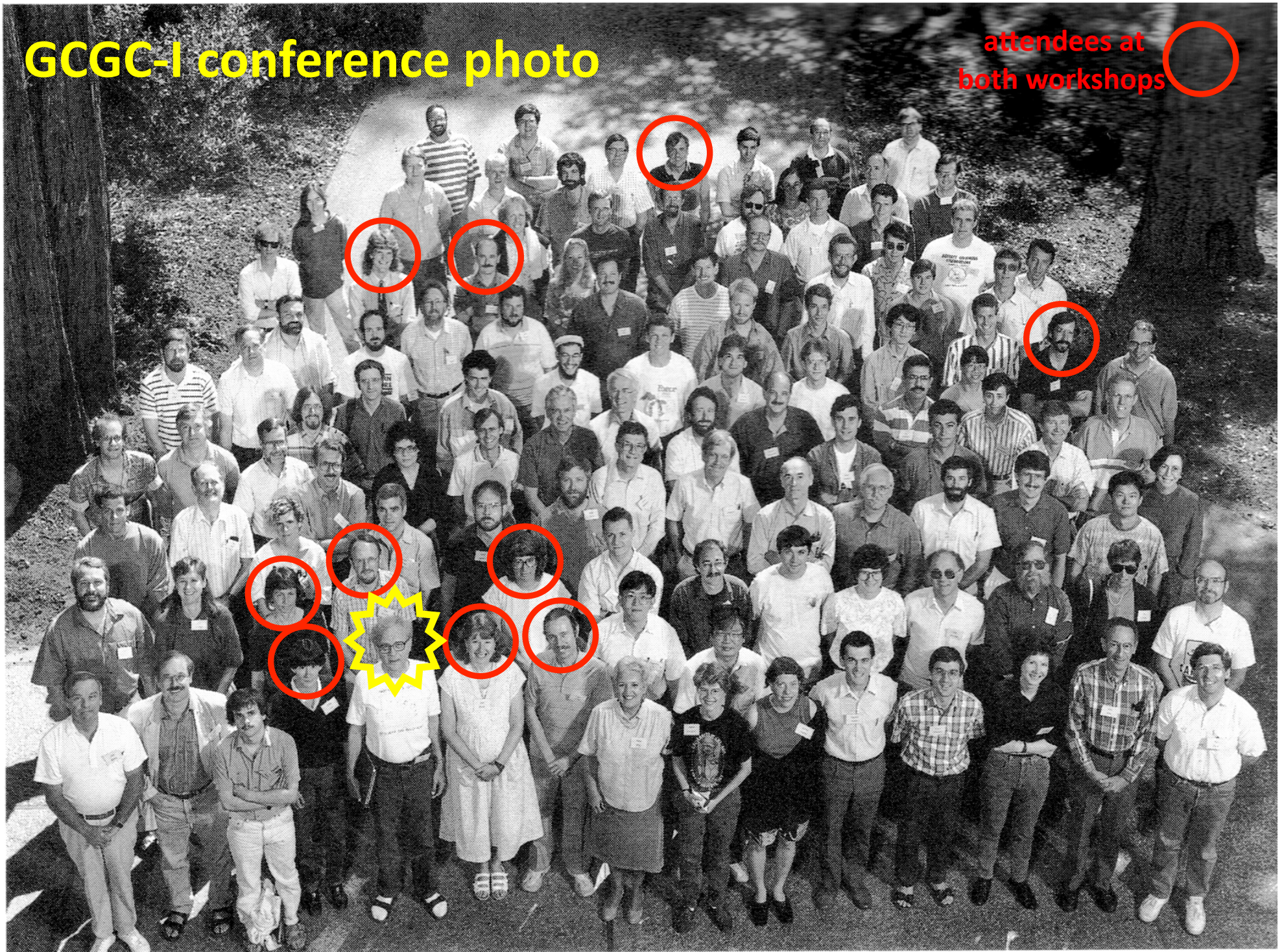
3rd meeting: July 2030
*(subtitle to be decided at
a later date)*

GCGC-I conference photo



GCGC-I conference photo

attendees at
both workshops



GCGC-1 Major Topics

- ✧ The properties of the Galactic globular cluster system
- ✧ The stellar content of Galactic globular clusters
- ✧ Relationship between Globulars and other Galactic populations
- ✧ The globular cluster systems of the Magellanic Clouds
- ✧ The globular cluster populations of M31 and M33
- ✧ Extragalactic globular cluster systems
- ✧ Observational examples of analogs to proto-globular clusters
- ✧ Space-based observations of globular clusters
- ✧ Theories for the formation and evolution of globular clusters
- ✧ The formation and evolution of globular cluster systems within the context of their parent galaxies

Some differences this time: a personal view

- bigger and better observational/computational facilities
 - Keck HIRES, Lick Hamilton, Magellan MIKE, VLT UVES, ...
 - Keck DEIMOS, VLT GIRAFFE & FLAMES, ...
- dwarf spheroidal data in bulk
- multiple globular populations now a reality
- n-body simulations are now N-BODY
- age differences maybe not as key an issue now?
- now RR Lyr and other HB stars studied in detail
- detailed interior modeling of late stellar evolution
- more realistic “origin” attacks with *chemical* evolution

GCGC-1 Questionable Quotes

- ✧ *Community standards regarding appropriate behavior of globular clusters has changed*
- ✧ *We did that measurement, but don't believe it*
- ✧ *You have to dissect the Horizontal Branch into the horizontal part, and not-so-horizontal part, and the nearly vertical part*
- ✧ *CNO? Just say NO!*
- ✧ *I see that you are not convinced, but you can believe me for the moment*
- ✧ *The dSph galaxies do not photograph well*
- ✧ *There's scarcely any object in the universe which hasn't been nominated as a site of globular cluster formation*

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- ✧ It is a tribute to Bob Kraft that despite this experience, we all remained in astronomy