WOMEN IN ASTRONOMY AND PHYSICS LECTURE SERIES

WEBSITE & ZOOM LINK

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sites.google.com/umn.edu/wipaumn/waphls

The smallest galaxies in our Universe encode their history in the age of their stars and in the distribution of their chemical elements, yielding some of the most precise observational constraints on galaxy evolution across 10 billion years of time. Because they are also the most fragile of galaxies – susceptible to both powerful internal events like supernovae and external forces like the radiation field that pervades space – the survivability and present-day properties of dwarfs also provide unique tests for our theories of cosmology. I will describe some of the measurements we can make from dwarf galaxies and how these measurements constrain our models of galaxy evolution.