

THOMAS M. BROWN – PUBLICATIONS

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PRESS RELEASES

Hubble Makes the First Precise Distance Measurement to an Ancient Globular Star Cluster ([2018](#))

Hubble Unmasks Ghost Galaxies ([2012](#))

Deepest View of Space Yields Young Stars in Andromeda Halo ([2003](#))

Hubble Identifies Source of Ultraviolet Light in an Old Galaxy ([1999](#))

CONFERENCE SPEAKING

New Insights into Ubiquitous Discontinuities on the Hot Horizontal Branch, in “The Eighth Conference on Hot Subdwarfs and Related Objects,” Krakow, Poland, July 2017. Contributed.

The Quenching of the Ultra-Faint Dwarf Galaxies in the Reionization Era, in “From Stellar Evolution to Galaxy Formation,” Nagano, Japan, March 2016. Invited.

The Formation History of the Ultra-Faint Dwarf Galaxies, in “First Stars, Galaxies, and Black Holes: Now and Then,” Groningen, The Netherlands, June 2015. Invited.

Hot Evolved Stars and Complex Populations in Globular Clusters, in “Horizontal branch stars and the UV radiation from old stellar systems: what we know and what we are still missing,” Tenerife, Spain, June 2015. Invited.

The Formation History of the Ultra-Faint Dwarf Galaxies, in “Satellite Galaxies and Dwarfs in the Local Group,” Potsdam, Germany, August 2014. Invited.

Hunting the Oldest Stars in the Neighborhood, in “The 223rd Meeting of the American Astronomical Society,” National Harbor, USA, January 2014. Invited.

The Primeval Populations of the Ultra-Faint Dwarf Galaxies, in “Local Group, Local Cosmology,” Turku, Finland, July 2013. Invited.

The Discovery of Pulsating Hot Subdwarfs in NGC2808, in “The Sixth Meeting on Hot Subdwarf Stars & Related Objects,” Tucson, USA, May 2013. Contributed.

The History of Star Formation in Galaxies, in “NASA Future UV/Visible RFI Workshop,” Baltimore, USA, September 2012. Invited.

Insights from HST into the Formation of the Ultra-Faint Dwarf Galaxies, in “Stellar Populations Across Cosmic Times,” Paris, France, June 2012. Invited.

Star Formation Histories in Andromeda, in “The Martin Schwarzschild Centennial Meeting,” Princeton, USA, June 2012. Invited.

Stars and Stellar Populations with a 4 to 8m UV/Optical Space Telescope, in “Cosmic Origins Program Analysis Group,” Baltimore, USA, September 2011. Invited.

New Observational Evidence for Flash Mixing on the White Dwarf Cooling Curve, in “The Fifth Meeting on Hot Subdwarf Stars & Related Objects,” Stellenbosch, South Africa, July 2011. Contributed.

Early Results from the WFC3 Galactic Bulge Treasury Program, in “Stellar Lives,” Victoria, Canada, May 2011. Invited.

The WFC3 Galactic Bulge Treasury Program, in “Science With the Hubble Space Telescope III – Two Decades and Counting,” Venice, Italy, October 2010. Contributed.

The History of Star Formation in Galaxies, in “Beyond JWST: The Next Steps in UV-Optical-NIR Space Astronomy,” Baltimore, USA, March 2009. Invited.

The Star Formation Histories of the M31 and M33 Spheroids, in “Galaxy Evolution: Emerging Insights and Future Challenges,” Austin, USA, November 2008. Invited.

Star Formation Histories in the Andromeda Galaxy, in “The 211th Meeting of the American Astronomical Society,” Austin, USA, January 2008. Invited.

Star Formation Histories in Andromeda, in “Galaxies and Structures Through Cosmic Time,” Venice, Italy, March 2006. Invited.

Star Formation Histories in Andromeda, in “Stellar Populations - A Rosetta Stone for Galaxy Formation,” Ringberg Castle, Germany, July 2005. Invited.

Resolved Stellar Populations in Andromeda, in “Resolved Stellar Populations,” Cancun, Mexico, April 2005. Invited.

Star Formation Histories in Andromeda, in “Structure and Evolution of the Milky Way and Its Surroundings,” Ringberg Castle, Germany, December 2004. Invited.

Star Formation Histories in the Local Group, in “Wide Field Imaging from Space,” Berkeley, USA, May 2004. Contributed.

The UV Upturn: From M32 to Distant Clusters, in “Extreme Horizontal Branch Stars and Related Objects,” Staffordshire, UK, June 2003. Contributed.

The Star Formation History of the Andromeda Halo, in “The Local Group as an Astrophysical Laboratory,” Baltimore, USA, May 2003. Invited.

Mapping the Star Formation History of the Local Group with NHST, in “The 202nd Meeting of the American Astronomical Society,” Nashville, USA, May 2003. Invited.

Measurements of the UV Upturn in Local and Intermediate Redshift Ellipticals, in “Spectrophotometric Dating of Stars and Galaxies,” Annapolis, USA, April 1999. Invited.

Color-Luminosity Relations for the Resolved Hot Stellar Populations in the Centers of M31 and M32, in “IAU 192: The Stellar Content of Local Group Galaxies,” Cape Town, South Africa, September 1998. Contributed.

A Far Ultraviolet Analysis of the Stellar Populations in Elliptical and S0 Galaxies, in “The 189th Meeting of the American Astronomical Society,” Toronto, Canada, January 1997. Contributed.

A Far Ultraviolet Analysis of the Stellar Populations in Six Elliptical and S0 Galaxies, in “The Second Stromlo Symposium -- The Nature of Elliptical Galaxies,” Canberra, Australia, August 1996.
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- Brown, T.M., Bowers, C.W., Kimble, R.A., & Ferguson, H.C. 2000, *The Evolution of Far-UV Emission in Elliptical Galaxies*, BAAS, 31, 1385.
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