



San Mateo County Astronomical Society



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[SMCAS General Meeting and Presentation on April 1, 2016](#)

R Jay GaBany

CCD Imaging

River of Stars:

A Survey of Stellar Tidal Streams in Nearby Star Systems

Friday, April 1, 2016 , [College of San Mateo, Building 36](#)

SMCAS General meeting at 7:00 p.m. ISC Room, room 110

Presentation at 8:00 p.m. [Planetarium](#)

Free and open to the public, free parking.

An ongoing collaboration between the speaker and an international team of professional astronomers has demonstrated the scientific potential of using modest aperture, commercially produced, semi-robotic telescopes situated under steady dark skies and affordable off-the-shelf astronomical cameras to reveal extremely dim, diffuse structures on the outskirts of distant galaxies that sheds light on galactic evolution. This presentation will share techniques, experiences and highlights of the investigations thus far.



R Jay GaBany is an internationally accomplished and recognized expert in astrophotography.

Biography:

R Jay GaBany has served on the board of directors for the [Advanced Imaging Conference \(AIC\)](#) since 2006 and have served as its [president and CEO](#) since 2014, and is a former member of the [Kitt Peak Visitor Center Advisory Board](#). He has presented to various audiences; been [interviewed](#) on live radio from Newcastle, Australia; written over fifty [articles](#) for the Universe Today, Sky &

Telescope and the UK's AstronomyNow magazines; and been featured in [Wired](#) and [Discover](#) magazines. His images have appeared in the journals [Science](#) and [Nature](#), and on the cover of the journal [Astronomy & Astrophysics](#) as well as on several other leading astronomy magazines around the world.

In early 2011, he was awarded the [Chambliss Amateur Achievement Award](#) for 2010 by the [American Astronomical Society \(AAS\)](#).

In September of 2011, this [image](#) of NGC 3521, the Bubble galaxy, was selected by NASA to serve as the uncredited backdrop for the International Space Station Expedition 30 official [crew portrait](#). A non-professional astro-photograph has been used for this purpose only one time before this.

During the fall of 2012 and again in 2013, he was selected as one of the 25 most influential people in space by the Editors of [TIME](#) magazine.

His first book, [Breakthrough! 100 Astronomical Images that Changed the World](#) was published in November 2015. Co-authored with noted astrophotographer Dr. Robert Gendler, the book explores the history of astrophotography through the lens of 100 ground breaking images that altered humanity's perception of its place in the universe