COPAG/SAG 9:
Science Enabled by Spitzer Observations
Prior to JWST Launch – 1
Charter, Membership, Timescales

Daniela Calzetti (UMass) & David Leisawitz (NASA/GSFC)

AAS-225, Seattle (WA), January 4th, 2015

Picture credits: ESA and NASA
Charter of SAG 9

- Much of the science conducted with JWST will build off of existing Spitzer data and science results.
- Spitzer has now entered the 6th year of its Warm Mission, and its capabilities still offer unique science opportunities for JWST precursor observations and science.
- Identify compelling science to be done with JWST, that is enabled by or that benefits from large blocks of Spitzer observing time prior to JWST launch.
- Document its findings in a report to the Astrophysics Subcommittee.
SAG 9 Membership

Daniela Calzetti (co-Chair) - calzetti@astro.umass.edu
David Leisawitz (co-Chair) - david.t.leisawitz@nasa.gov
Lee Armus - SSC - lee@ipac.caltech.edu
Sean Carey - SSC - carey@ipac.caltech.edu
Ranga Ram Chary - SSC - rchary@caltech.edu
Daniel Dale - UWyo - ddale@uwyo.edu
Drake Deming - UofMD - lddeming@gmail.com
Joshua Emery - UofTenn - jemery2@utk.edu
Kathleen Kraemer - Boston College - kathleen.kraemer@bc.edu
Stefanie Milam - GSFC - stefanie.n.milam@nasa.gov
Avi Mandell - GSFC - Avi.Mandell@nasa.gov
Rachel Osten - STScI - osten@stsci.edu
Ken Sembach - STScI - sembach@stsci.edu
Adam Stanford - UC Davis - stanford@physics.ucdavis.edu
John Stauffer - SSC - Stauffer@ipac.caltech.edu
Massimo Stiavelli - STScI - mstiavel@stsci.edu
Michael Werner - SSC - Michael.W.Werner@jpl.nasa.gov
Rogier Windhorst - Arizona State - Rogier.Windhorst@asu.edu
Ned Wright - UCLA - wright@astro.ucla.edu

Observers:
Pierre Ferruit - ESA - Pierre.Ferruit@cosmos.esa.int
Science Areas of SAG 9

- **Galaxy Evolution and Cosmology**
  - Ranga-Ram Chary (Lead), Lee Armus, Pierre Ferruit, Adam Stanford, Massimo Stiavelli, Rogier Windhorst

- **Nearby Galaxies**
  - Daniel Dale (Lead), Kathleen Kraemer, Massimo Stiavelli, Mike Werner

- **Milky Way (incl. Evolved Stars, etc.)**
  - Kathleen Kraemer (Lead), Rachel Osten, John Stauffer, Mike Werner

- **Extra-solar Planets**
  - Avi Mandell (Lead), Sean Carey, Drake Deming, Pierre Ferruit, Rachel Osten, John Stauffer

- **Solar System**
  - Stefanie Milam (Lead), Sean Carey, Josh Emery
Timescale

- Form SAG9 (~October 2014)
- Organize group (17 members) into sub-groups along science areas (~mid-November 2014)
- Send out emails via COPAG to engage community (~November 2014)
- Start collecting ideas within SAG 9 (December 2014)
- Offer forum for community input (this meeting, January 2015)
- Collect and collate community inputs (January 2015)
- Write report (February-March 2015)