



FLITECAM Science Highlight: SN2014J

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SN2014J: Thanks, Universe!

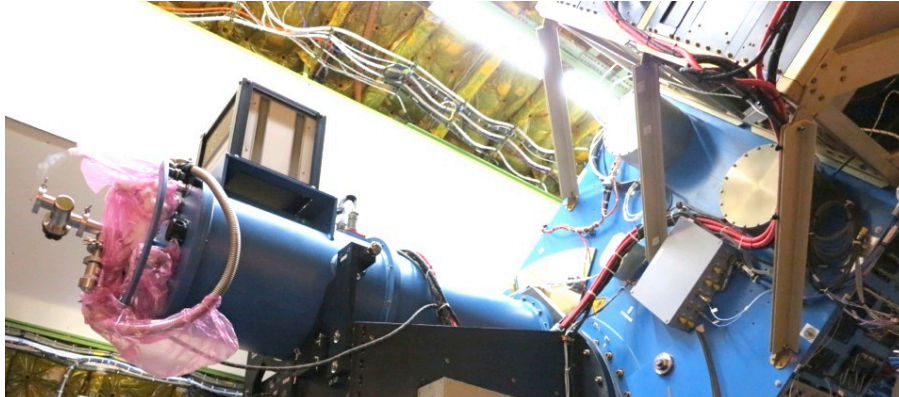
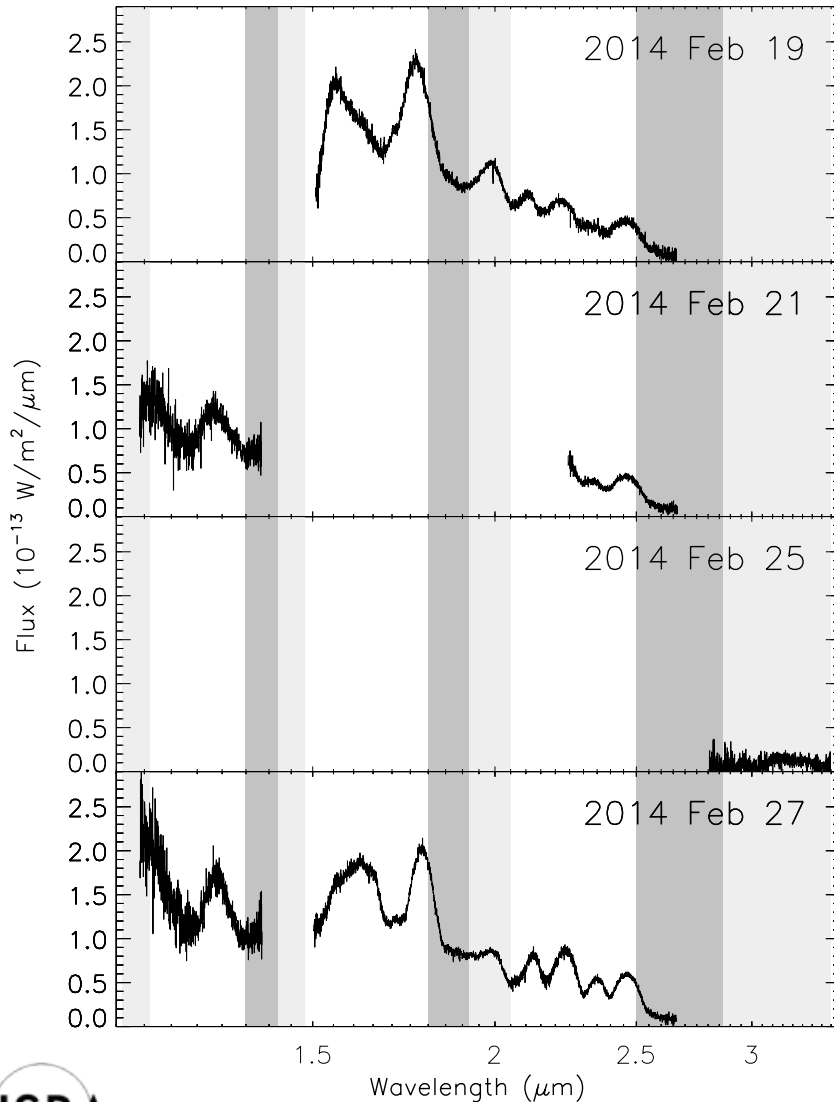


Image Credit: S. Shenoy



Georgi Mandushev & Ted Dunham (Lowell), Ryan Hamilton (USRA/SOFIA), Ian Mclean & Sarah Logsdon (UCLA)
Photo: Chris Johnson, UCLA





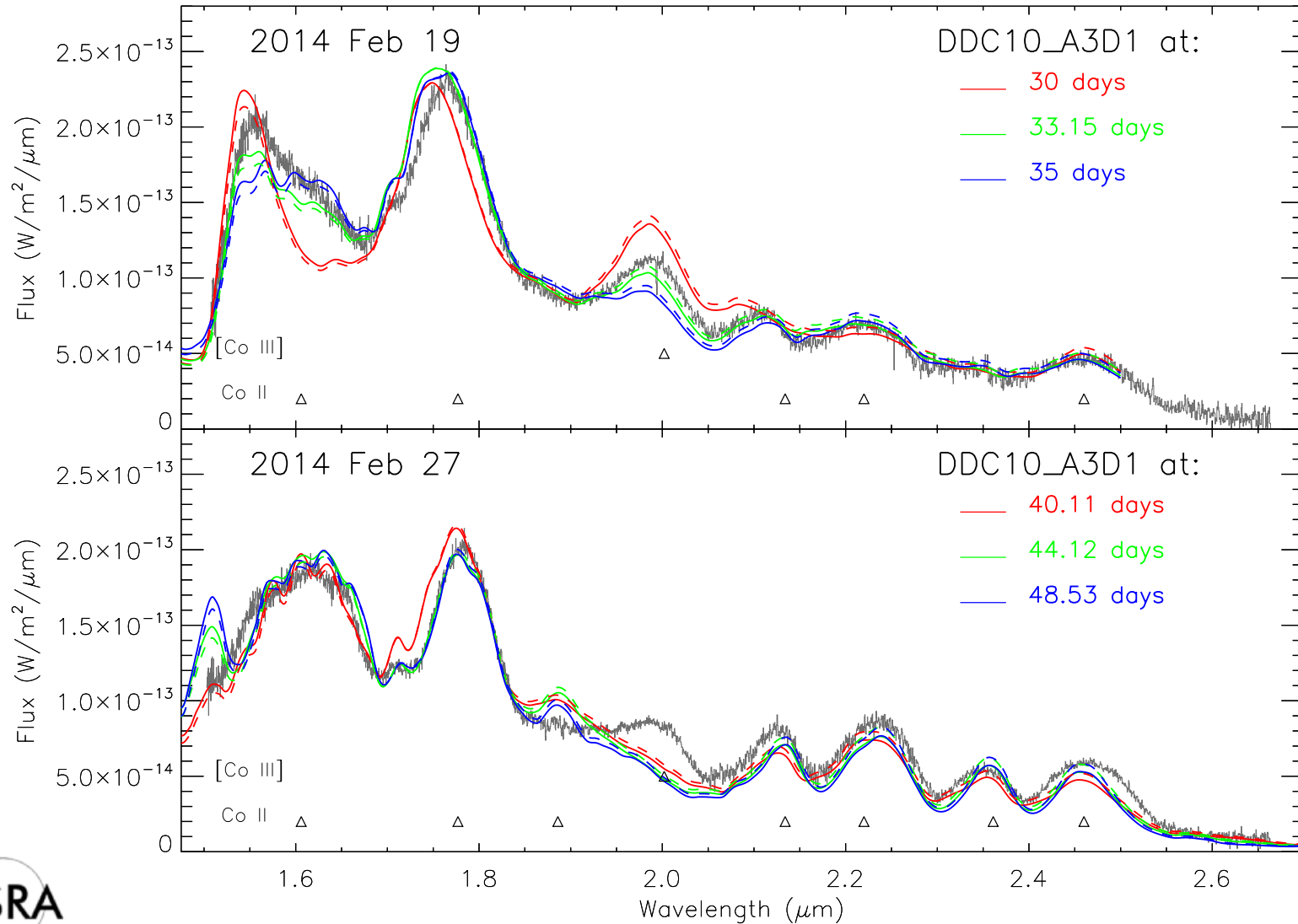
- Flux calibrated data now available
 - http://bit.ly/sn2014j_sofia
 - <http://dcs.sofia.usra.edu>
 - Starting at T+36 days
 - Spectroscopy + imaging
- Coverage through H-K gap in two complete epochs



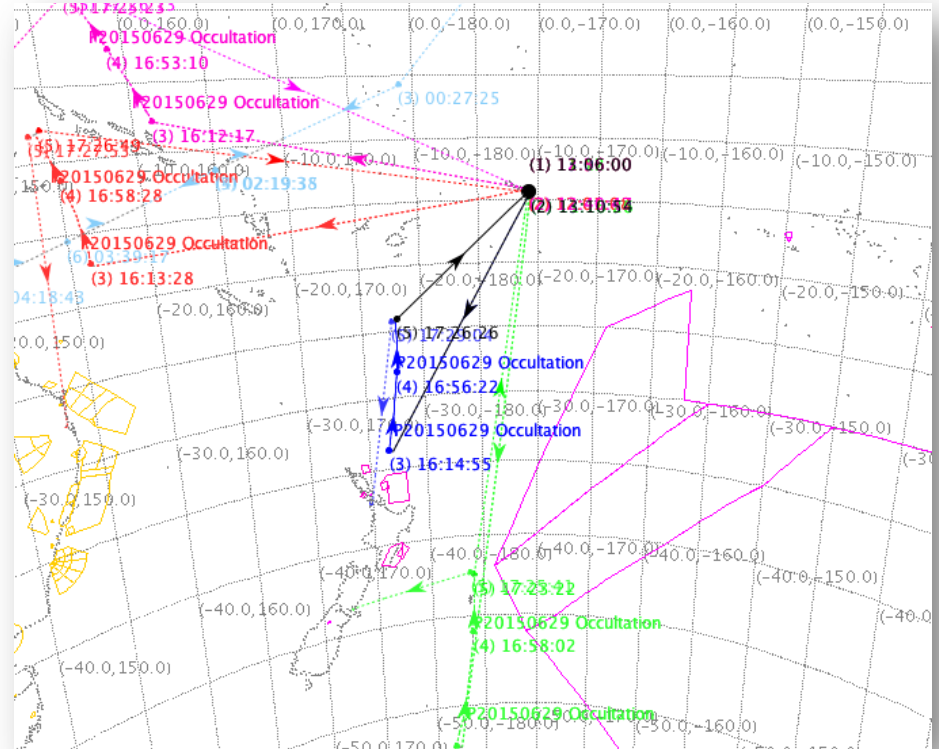
FLITECAM SN2014J Data



Vacca et al. 2015 (In Prep)



- Michael Person (MIT)
 - et (many) al.
 - Occultation of 12th mag star 2 weeks before New Horizons' encounter
- Working on all the options, will whittle down as prediction improves





ToOs, DDTs, and YOU



ToOs:

- Submitted during a call for proposals
 - **Cycle 4 call soon! End of April 2015**
- Known targets, unknown timing
 - Known novae, Comets, etc.
- (Potentially) unknown targets and/or unknown timing
 - Comets, new (super)novae, etc.
- Data proprietary period same as for the Cycle

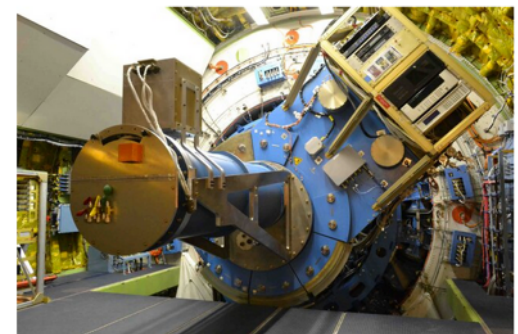
DDTs:

- Outside the normal call for proposal period
 - http://bit.ly/sofia_ddt
- Extraordinary/unique events
- Brief science case sent directly to SMO Director and SOFIA Help Desk
- Data will have NO proprietary period

SN2014J is an Example of Both!



- How do I know what instruments are (immediately) available?
 - sofia_help@sofia.usra.edu
 - Social media: @SOFIATelescope, etc.
 - <https://www.sofia.usra.edu>
- How do I know if my target is suitable/observable?
 - SOFIA DCS Visibility Tool (VT), SOFIA Instrument Time Estimator (SITE)
 - Some instruments maintain custom/ separate calculators, linked from SITE
- Ask Us!



[View on web](#)



SOFIA Events & Information



- **SOFIA Observers' Workshop May 20-21, 2015**
 - In Mountain View, CA
- **Cycle 4 Call for Proposals, Late April 2015**
 - Anticipated release date
- **SOFIA Community Tele-Talk Series**
 - <http://www.sofia.usra.edu/Science/SCF/>
- **Information for Researchers Webpages**
 - <http://www.sofia.usra.edu/Science/>

