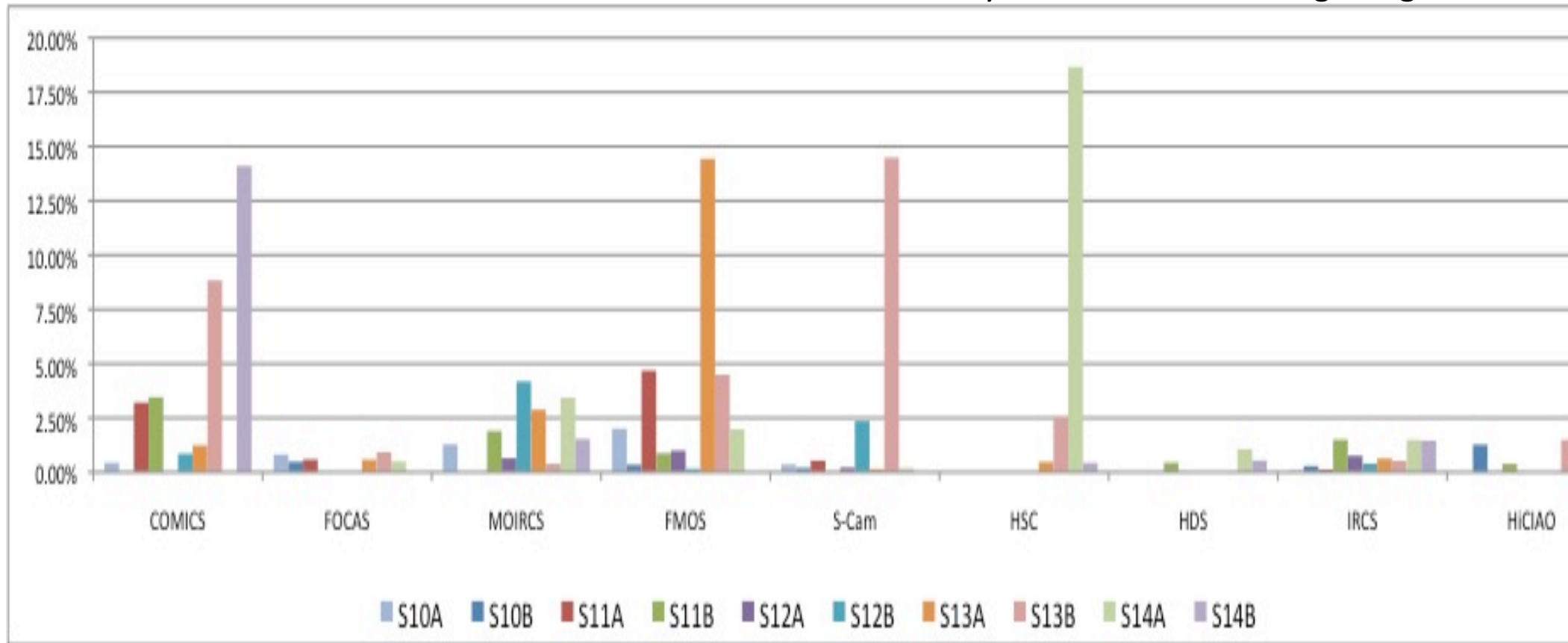


Downtime due to instrument troubles

Masatoshi Imanishi
(2014 Nov 25 HST)

By Nakano, based on night log



In addition to this,

**One spectrograph was not used many times (2011-2013)
for FMOS**

One array was not used many times (2007-2013) for MOIRCS

Nights Lost due to Instrument Troubles

- Instrument troubles after 2012 which caused cancellation of observations
 - FMOS: 2 nights (2013/02/15, 2013/07/26)
 - MOIRCS: 1 night (2013/01/04)
 - Suprime-Cam: 13 nights (2013/09/27-10/09)
- MOIRCS: single channel operations - 38.5 nights (from 2007 to 2013) + 2014 Sep
- FMOS: single channel operations - (data not yet available)