



# **Plan for KURRI experiment**

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# Main ring experiment

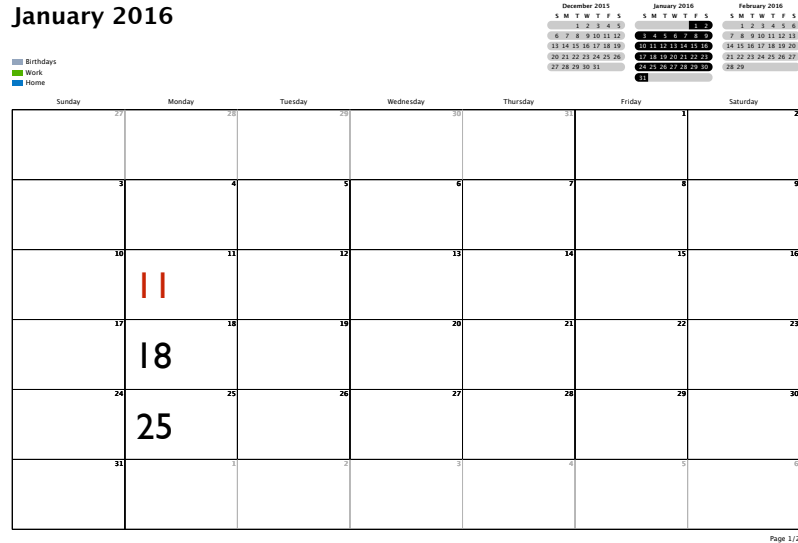
- 1st paper is almost ready for publication.
  - Mainly for the data in March/April 2014.
- Another set of data in July 2014/June 2015.
  - Orbit measurement with 5 probes.
  - Not much longitudinal data due to a bug in the script.
  - Tomography.
- Analysis of the 5 probes is needed as soon as possible.

# Main ring experiment

- Next experiment will be likely in Jan/Feb 2016.
  - Longitudinal
    - Longitudinal parameter optimisation.
    - Tomography observation at the same time.
    - (Stacking at the extraction momentum.)
  - Transverse
    - Tune measurement with different patch.
    - Acceleration of asymmetrical emittance (or measurement of H-V coupling).

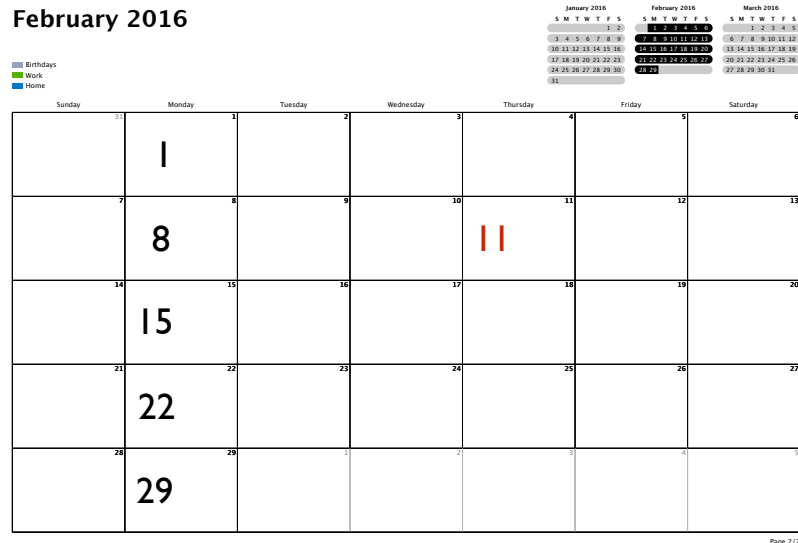
# Main ring experiment

## January 2016



- Japanese holiday: 11 Jan and 11 Feb.
- Half term: 15-19 Feb.
- For example, 3 weeks of
  - 18 Jan - 5 Feb
  - 1 Feb - 19 Feb
  - 15 Feb - 4 Mar

## February 2016



# Main ring experiment

- Simulation efforts in parallel
  - Need to update the plan including discussion at FFAG15.
  - This is mainly of Part 2: KURRI specific modelling.