



KAGRA status

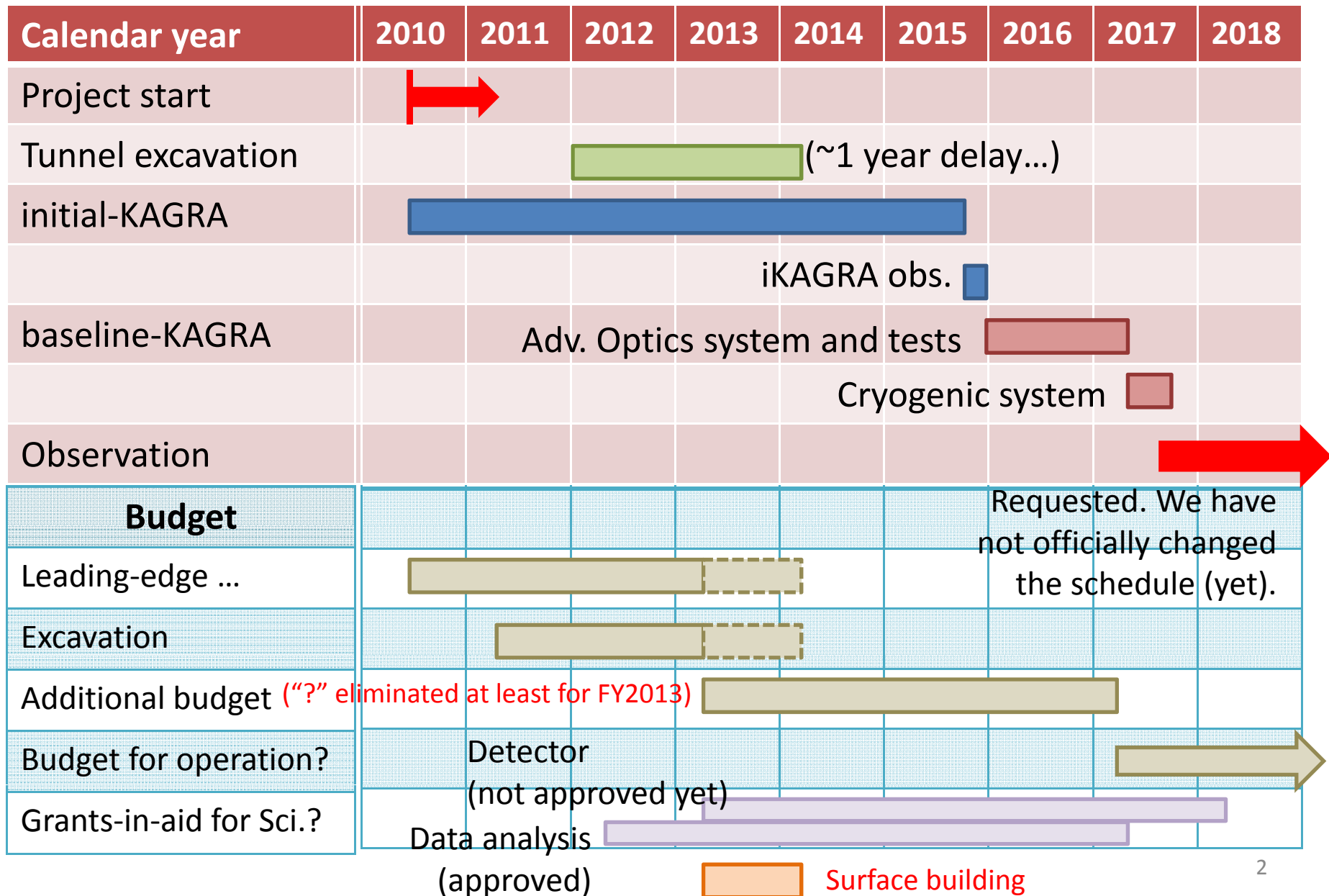
June 19, 2013

KAGRA International meeting

Takaaki Kajita

Budget and revised schedule

Feb. 2013



Budget related

- Leading-edge Research Infrastructure Program has been extended for one year (until the end of FY2013).
- We receive the stimulus budget for FY2012. This is for 1) extra budget for tunnel excavation, 2) a part of the cryo-shield tube, 3) a part of the recycling optical system, and 4) surface building. This does not mean that we get more budget (except for the extra for tunnel excavation). We only get them earlier.
- The FY2013 budget from the government includes a part of; 1) sapphire mirrors, 2) the cryo-suspension system, and 3) a part of the underground facilities.
- ✓ The equipments to be bought with the government's stimulus budget and regular budget are limited to the ones mentioned in the request. Please buy equipments that are not listed in the government budgets with the Leading-edge Research Infrastructure Program within this FY. (For details, contact M.Ohashi.)

Budget related (2)

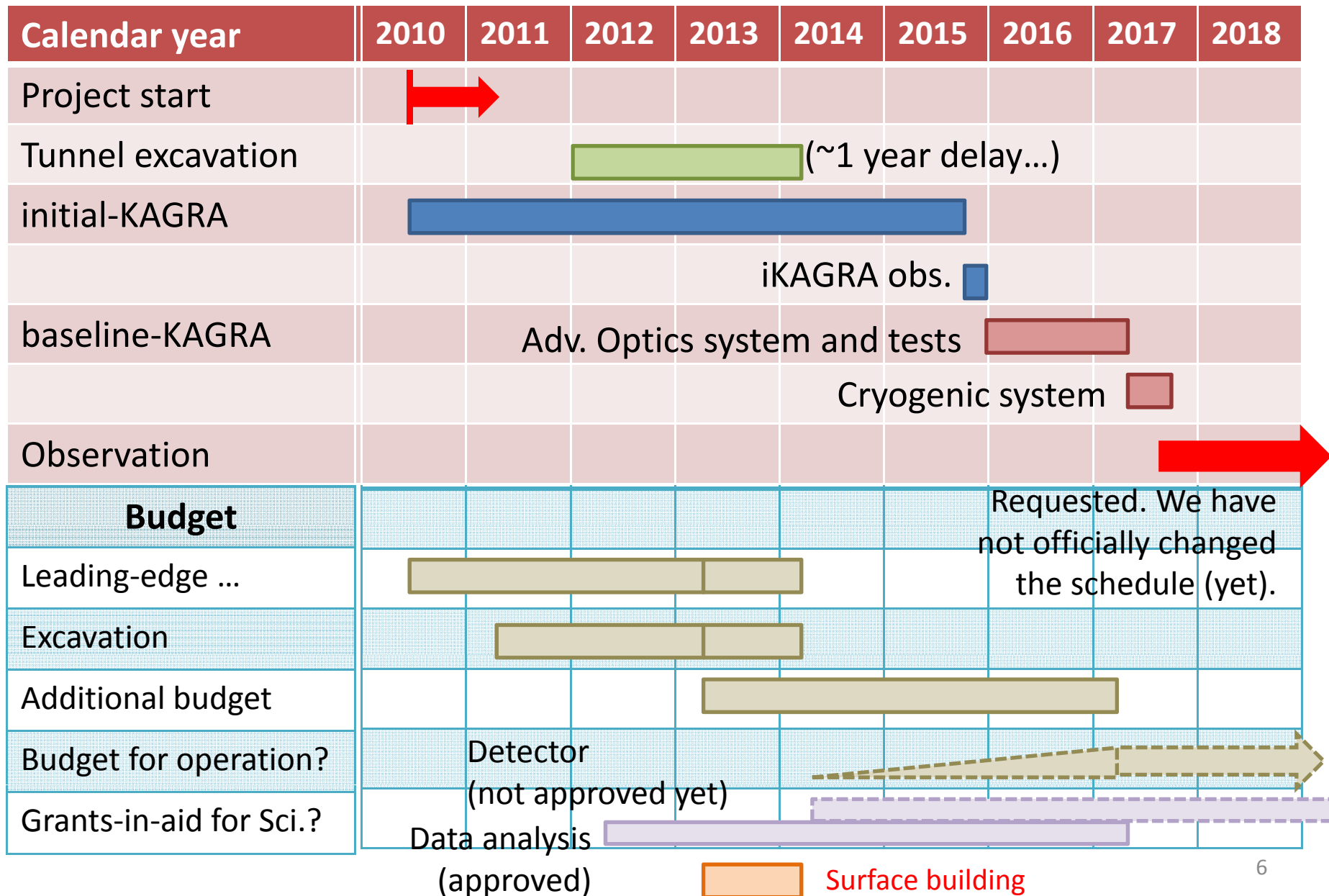
- We are requesting the FY2014 construction budget, that includes a part of 1) sapphire mirrors, 2) cryo-suspension system, 3) cryo-shield tubes, 4) recycling optics, and 5) clean booth.
- We are requesting the operations budget starting in FY 2014.
- The budget deficit was about 1 B yen. SEO worked hard with the sub-group members to redefine the Day-1 bKAGRA. This will be reported separately by K.Somiya.

Budget related (3)

- Grant-in-aid for Scientific Research:
 - ✓ Already reported: JSPS Core-to-Core program (研究拠点形成事業, for researchers exchange, international travels) → Approved (Head = S. Kawamura, for 5 years, ~20Myen/year).
 - ✓ Specially Promoted Research (特別推進, for the detector R&D and commissioning). → Not approved this year (again). We will try again next year.

Budget and revised schedule

June 2013



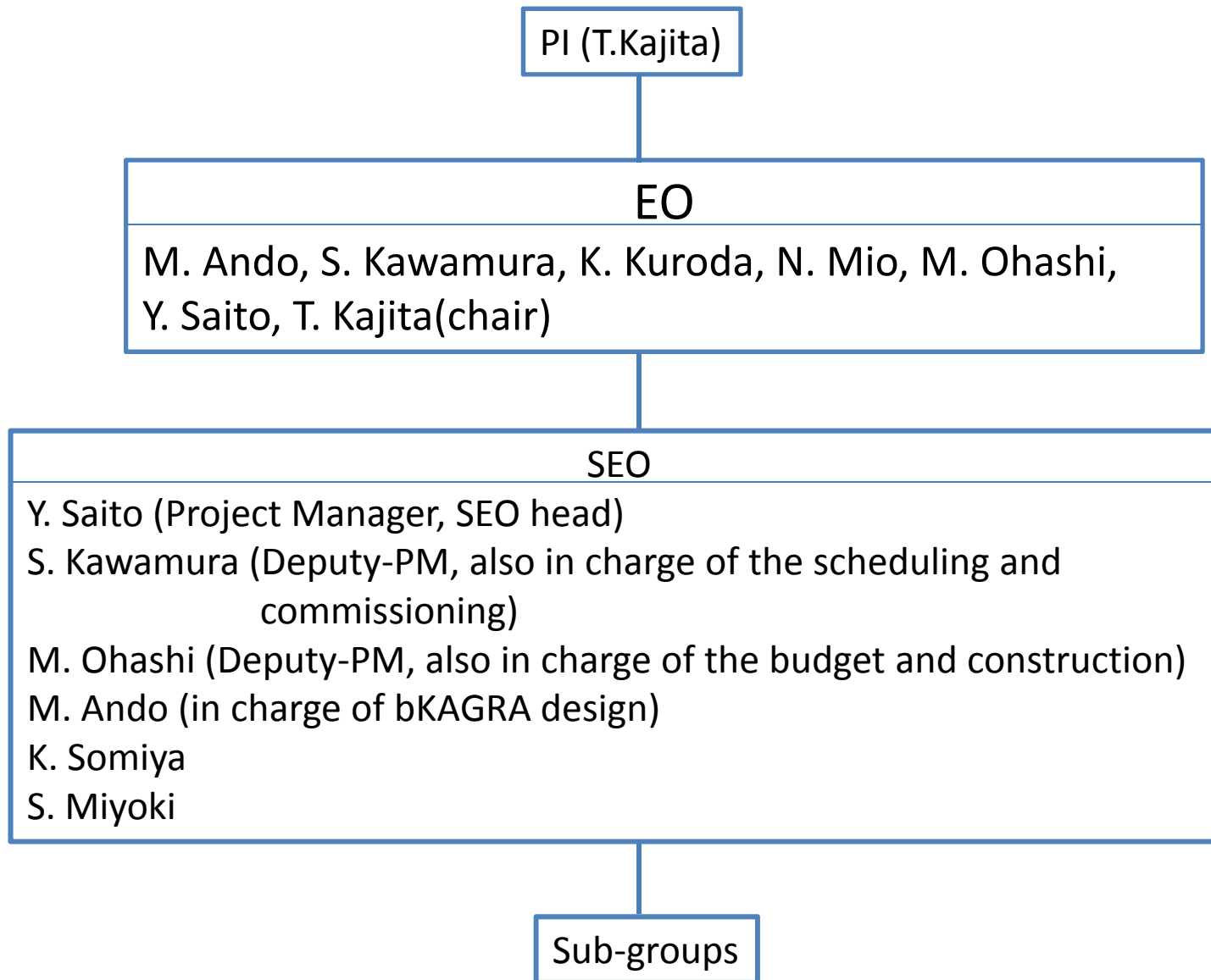
Remote participation (SeeVogh)

- “Cooperative Agreement between LIGO Research Partners and Evogh, Inc. to provide remote participation services on the SeeVogh Research Network” was signed (among LIGO lab, EGO, KAGRA and Evogh) on April 3, 2013.
- Under this agreement, GWRC (LIGO/LSC, EGO/Virgo, KAGRA) will be granted use of the SeeVogh RN for all of its members to facilitate GWRC research both among the collaboration and as necessary with researchers and scientists from outside the collaborations as guest participants.
- Shinji Miyoki installed a SeeVogh server in ICRR.

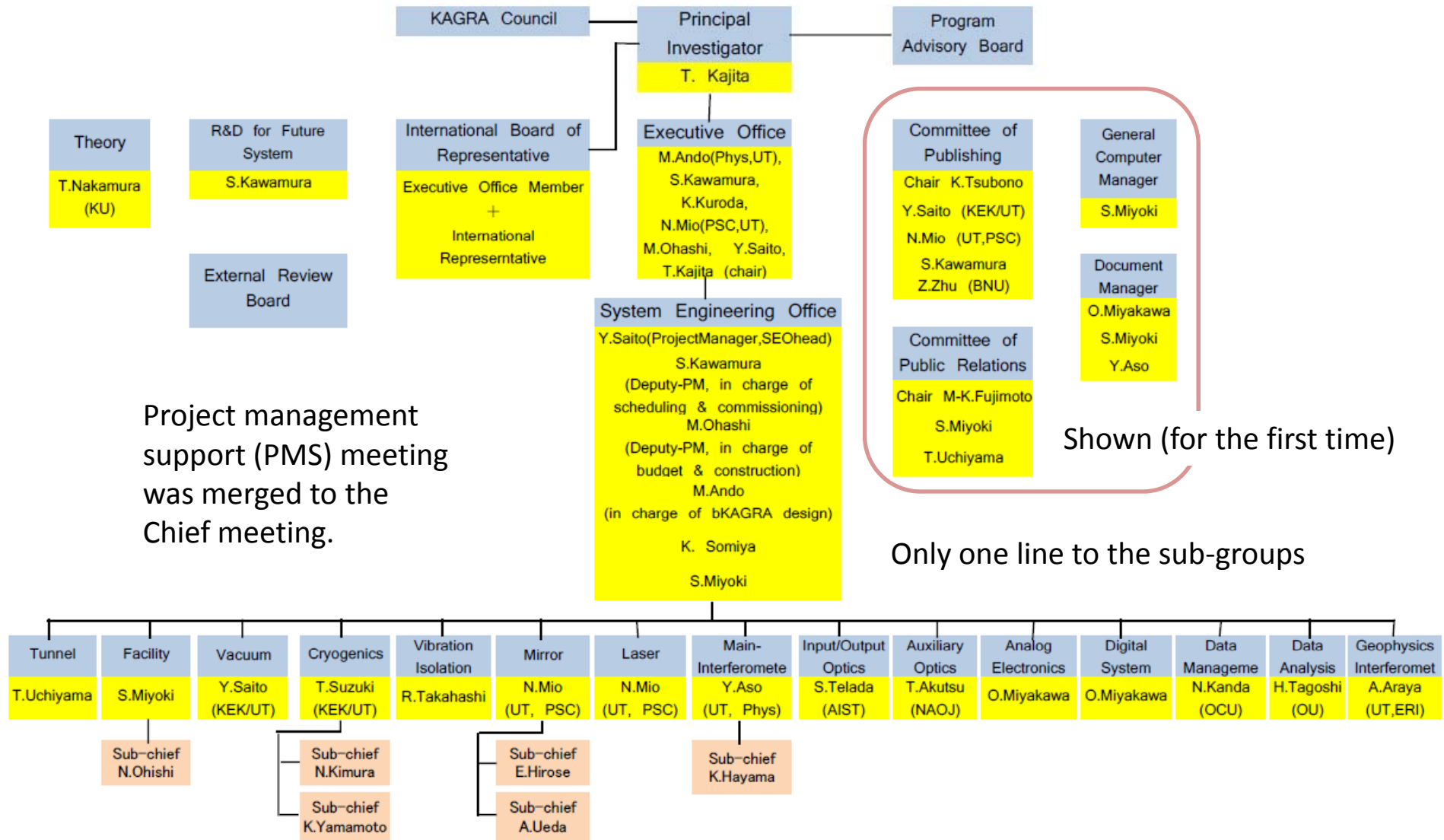
Project management and related

- Yoshio Saito is the (full time) Project Manager as of April 1, taking over Ichiro Nakatani-san's job.
- Some changes in the management structure.
- The heads of the onsite construction and commissioning are;
 - M. Ohashi in charge of the construction
 - S. Kawamura in charge of the commissioning
 - Y. Saito oversees the whole activities
- For the management and overall structure, see the next pages.

New Project Chart (management part only)



New project chart



F2F meeting in Toyama Univ.

- Next KAGRA F2F meeting:
 - Aug. 1-3, 2013 @Toyama Univ. (We would like to thank Matsushima-san and the Toyama Univ. group.)
 - July 31, 2013
 - Morning: Introductory lectures on gravitational waves:
 - 1) Overview of gravitational wave astronomy (Naoki Seto)
 - 2) Introduction to laser interferometric gravitational wave telescope (Kentaro Somiya)
 - 3) Introduction to the gravitational wave data analysis (Hideyuki Tagoshi)
 - Afternoon: visit to the KAGRA site
 - Seminar at Toyama U. in the afternoon (in Japanese)
重力波望遠鏡KAGRAが切り拓く天文学（安東正樹）

Others

- Next KAGRA Council meeting (between ICRR, KEK and NAOJ, with some more members from UTokyo etc); July 24 @ICRR.
- Next Program Advisory Board meeting; Nov. 2 and 3 @ICRR.