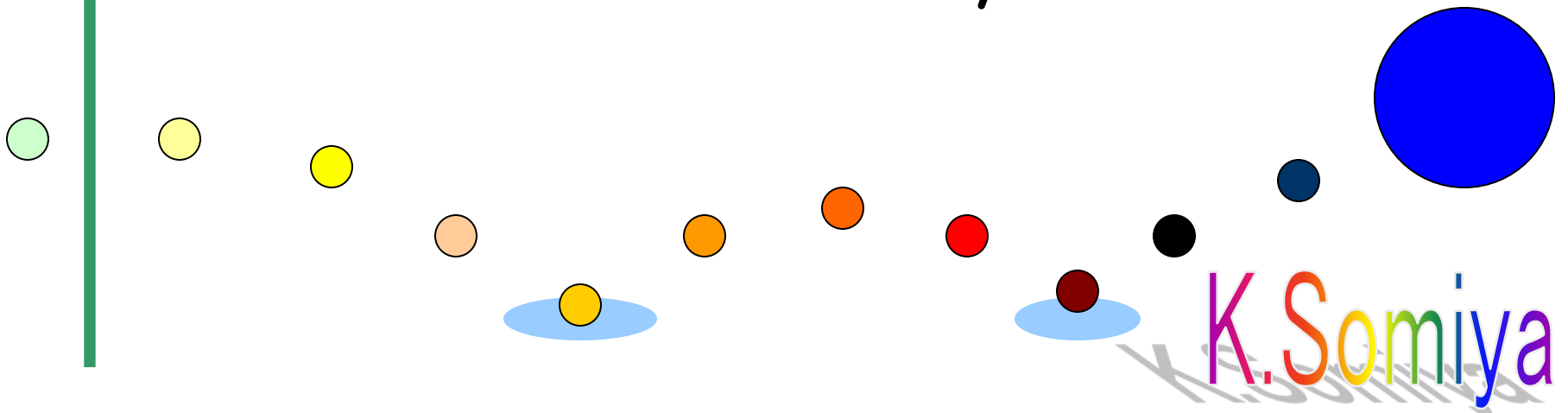


Japan-Germany bilateral program

LCGT f2f meeting
Feb. 2013

Tokyo Inst of Technology
Kentaro Somiya



Overview of the program

- JSPS bilateral program for 2 years (2012-2014)
- ¥2.5M/year for travels by Japanese researchers
- German researchers are supported by ELiTES

Germany-side Coordinator = Ronny Nawrodt (Jena)

Japan-side Coordinator = Kentaro Somiya (Tokyo Tech)

Purpose of the program

- Study of thermal noise in a cryogenic system
- Establishment of a bridge btw ET and KAGRA

Activity 2012

- Thermal noise workshop at Jena (Aug)
 - ~ Matsumoto, Michimura, Sekiguchi, Sakakibara, Chen, Ushiba*, Shibata*, Somiya
- Visitors (Oct - Dec)
 - ~ Gossler*, Westphal*
 - ~ Ueda*, Saito
- ET meeting (Dec)
 - ~ Kuroda, Hirose, Yamamoto*, Sakakibara*, Saito, Somiya



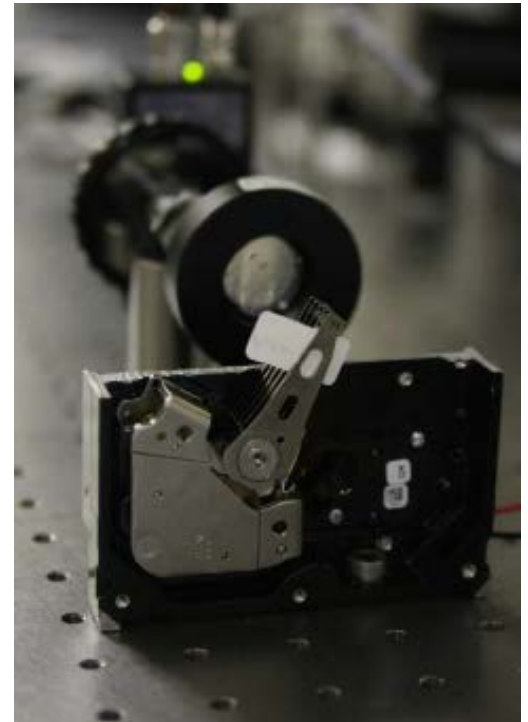
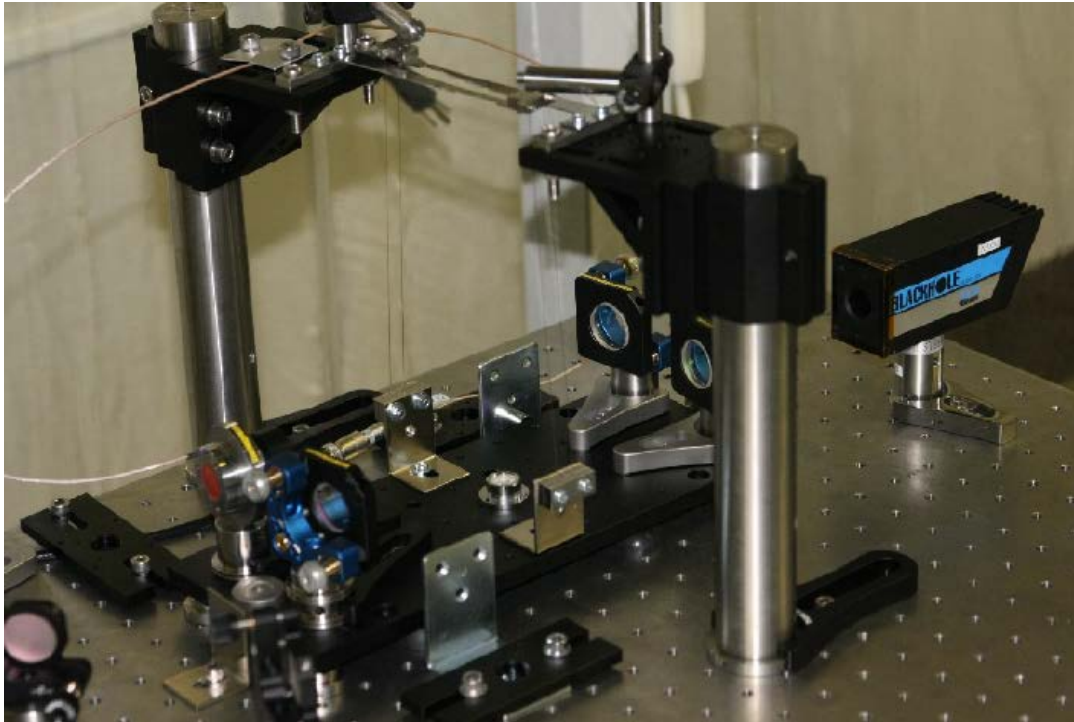
Thermal noise workshop at Jena

	2012/8/14	2012/8/15	2012/8/16	2012/8/17	2012/8/20	2012/8/21	2012/8/22-24
9:00-10:30	lab tour at Hannover	move from Hannover to Jena	thermal noise lecture (D.Heinert) 10AM	TN lecture continues	bulk loss lecture (G.Hofmann) 10AM	absorption (Komma, Steinlechner)	lab work
10:45-12:15				cooling time reduction (Sakakibara)		suspension (Sekiguchi)	
12:15-14:00		arrival & lunch	lunch				
14:00-15:30		lab tour & informal meeting	parametric instability (Shibata)	silicon cavity (Ushiba)	coating loss (Nawrodt)	free discussion	
15:45-17:15			thermal lensing (Michimura)	120K Silicon (Somiya)	future topic (Matsumoto)		

Thermal noise workshop at Jena



Stefan and Tobias's visit



Planned activity 2013

- Thermal noise workshop II at Jena (Aug?)
- Long-term Visitors
- TBD