

# Update from GWIC

Sheila Rowan

**LIGO-G1701271**

# GWIC 3G sub-committee

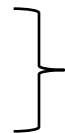
- GWIC is conscious of the **relevance of the global approach** to 3G matters
- A sub-committee has been formed to support this
  - Co-chairs: Dave Reitze, Michele Punturo
  - Members:
    - Federico Ferrini - EGO Director/interface to Virgo related organisations
    - Takaaki Kajita - KAGRA Director
    - Harald Lueck - interface to German agencies
    - Jay Marx - Big Project Expertise
    - David McClelland - interface to Australian agencies
    - Michele Punturo - ET Design Study Lead
    - David Reitze - LIGO Director/interface to NSF
    - Sheila Rowan - GWIC Chair



D. Shoemaker (secretary)

V. Kalogera

B. Sathyaprakash



Expertise in astrophysics/analysis

# GWIC 3G sub-committee mandate

WG under composition:  
chairs V. Kalogera, B.  
Sathyaprakash

“Examining the path to a future network of observatories / facilities, specifically”

1) Science Drivers for 3G detectors:

**commission a study of ground-based gravitational wave science from the global scientific community**

2) Coordination of the Ground-based GW Community:

develop and facilitate coordination mechanisms

3) Networking among Ground-based GW Community:

organize and facilitate links between planned global 3G projects and other relevant scientific communities

4) Agency interfacing and advocacy:

identify and establish **a communication channel with funding agencies**

5) Investigate governance schemes

- The subcommittee should provide a preliminary report and set of proposed actions recommendations to GWIC no later than the 2017 GWIC meeting.
- Subsequent reports should be delivered future GWIC meetings.

# GWAC – Gravitational Wave Agency Correspondents

- GW “funding” Agencies Committee
- Promoted by NSF, involving:
  - Australian Research Council (ARC)
  - Canada Foundation for Innovation (CFI)
  - Centre National de la Recherche Scientifique (CNRS)
  - Consejo Nacional de Ciencia y Tecnología (CONACYT)
  - Deutsche Forschungsgemeinschaft (DFG)
  - Istituto Nazionale di Fisica Nucleare (INFN)
  - National Aeronautics and Space Administration (NASA)
  - Science & Technology Facilities Council (STFC)
- +++ open invitation to interested agencies

# Outreach on this activity

- Presentations at;
  - LVC 2017
  - GWPAW 2017
- Upcoming
  - Amaldi 2017
  - CERN Workshop 2017
  - APPEC GA 2017