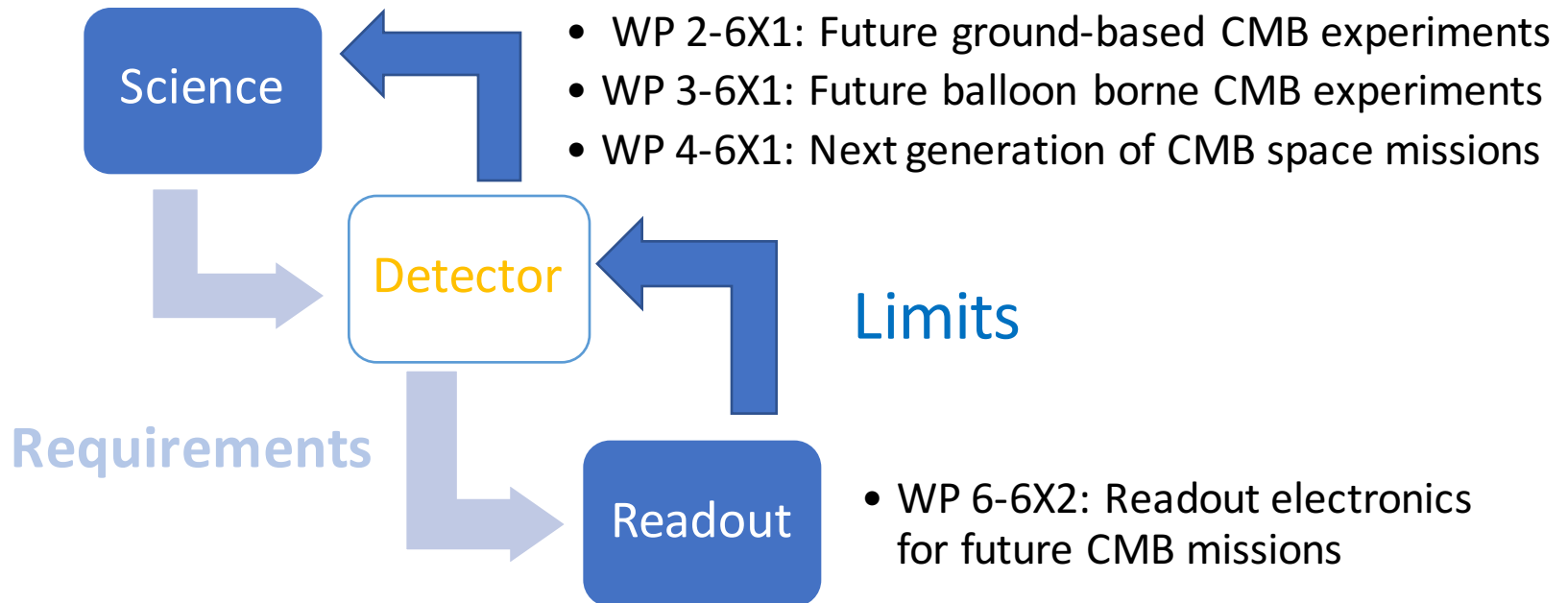


WP 6-6X1:
**Strategic solutions for new
CMB detectors**
Survey of the present detector technology

Michele Biasotti on behalf of Flavio Gatti

WP 6-6X1: Interaction with other WP



WP 6-6X1:

Strategic solutions for new CMB detectors

- **Groups:**

- **Genova**

- F. Gatti, C. Boragno, F. Fontanelli, D. Grosso, *M. Biasotti*
 - Roma1 (P. De Bernardis)
 - Pisa (G. Signorelli)
 - Milano (M. Bersanelli)

- **Activity:**

- Workshop CMB S4 @ Stanford on 20th January

- **External contact:**

- NIST
 - Barkley
 - SRON

Monitored detector technologies for CMB

- TES (Transition Edge Sensor)
- MKID (Microwave Kinetic Inductance Detector)

- CEB (Cold Electron Bolometer)
- HEB (Hot Electron Bolometer)
- STJ

- QDOTs

- MMB (Metallic Magnetic Bolometer)
- MPT

- Coherent detectors

