

## Photon detection

*Wednesday, 24 May 2017 09:00 (30 minutes)*

Photon detection has been a cornerstone in particle physics, enabling many fundamental physics discoveries. Traditional photo-detectors are based on a mature, time-honored technology that has seen incremental improvements over time. Recent years, however, have seen a rapid increase in new developments, either bringing new techniques to bear on traditional methods or implementing transformational improvements in existing technologies. The continuing trend in adopting new techniques and methodologies to the development of photodetectors holds significant promise, possibly providing for a transformation in how photodetectors will be viewed and produced. This would have a huge impact on science and society. Some examples will be discussed.

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**Session Classification:** Plenary 3