

## **Session Program**

**May 6 - 9, 2014**



# **Questioning Fundamental Physical Principles**

## ***Session IX***

CERN, 4/3-006 - TH Conference Room

# Thu, May 8

9:00 AM

## Session IX: Chair: A. Di Domenico

Session | Location: CERN, 4/3-006 - TH Conference Room

09:00 - 09:30

### Boson Sampling via integrated quantum photonics

**Speaker**

Fabio Sciarrino

09:30 - 10:15

### Probing the space-time structure: the holometer experiment at Fermilab

**Speaker**

Craig Hogan

10:15 - 10:45

### Improving interferometers by quantum light: is possible testing quantum gravity on an Optical bench?

**Speaker**

Marco Genovese

10:45 AM