

Session Program

1-4 Jun 2018



SM@50

Afternoon session

Case Western Reserve University
Case Western Reserve University Cleveland, Ohio, USA

Friday 1 June

13:00

Afternoon session: Origins

Session | **Location:** Case Western Reserve University, Case Western Reserve University Cleveland, Ohio, USA |
Convener: Robert Brown

13:00–13:10 **Welcome**

Speakers

Cyrus Taylor, Glenn D. Starkman, Kathleen Kash

13:10–13:50 **Discovery of the Higgs boson at the LHC (after a 50-year search!)**

Speaker

Jonathan Butterworth

13:50–14:30 **Neutrino Oscillations**

Speaker

Takaaki Kajita

14:30–16:30 **Origins of Quantum Chromo-Dynamics**

Subcontributions

Soft pions

Speaker

Stephen Adler

Charm, beauty, $R(e^+ e^- \text{ to } 3 \text{ jets}) / R(e^+ e^- \text{ to } 2 \text{ jets})$

Speaker

Mary K. Gaillard

The strong interaction

Speaker

James D. Bjorken

16:30–17:00 **Coffee Break**

17:00–17:40 **Quarks**

Speaker

Jerome I. Friedman

17:40