

Lundi 08/10/2018, 11h00

CEA-Saclay Bât. 141, salle André Berthelot

**Measuring Multi-Boson Production with
the ATLAS Detector**

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Measurements of processes involving quartic self-interactions of electroweak bosons have only recently become possible at the LHC and constitute both a fundamental test of the electroweak sector of the Standard Model as well as a window to new physics. Cross section measurements of the production of three electroweak gauge bosons and of vector-boson scattering processes with the ATLAS detector will be presented and the current and expected sensitivity to uncover new phenomena will be discussed.

Le café sera servi 10 minutes avant.

NB : La présentation d'une pièce d'identité est exigée à l'entrée du centre. Tous les auditeurs extérieurs sont priés de prévenir à l'avance Martine Oger, tél. 01 69 08 23 50, e-mail : martine.oger@cea.fr. (U.E. : délai de 24 h, hors U.E. : délai de 4 jours).