

# **STRONG AND WEAK INTERACTIONS IN THE STANDARD MODEL**

**2017.**

**SÉBASTIEN DESCOTES-GENON**

**Laboratoire de Physique Théorique (LPT), Orsay, France**

**ThPhys** @IRB



**LECTURE 1**

**Wednesday, 15 March 2017, 11 a.m. - 1 p.m.**

**LECTURE 2**

**Thursday, 16 March 2017, 11 a.m. - 1 p.m.**

**Venue: Lecture hall, Ivan Supek Wing**



**ABSTRACT:**

**These lectures will be devoted to various theoretical and phenomenological aspects of the strong and weak interactions within the Standard Model. The first lecture will provide an overview of the basic properties of these two interactions, and some of their phenomenological consequences. The second lecture will focus on the theoretical tools that can be used to tackle processes involving both kinds of interactions.**



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