

THEORETICAL PHYSICS SEMINAR

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Title: Neutrino Mass Models at the LHC

Speaker: Prof. Frank Deppisch, Univ. College London

Date/Time/Venue: 25th February (Thursday) / 2:30 PM/ Room No. 469

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Note the time

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Tea will be served at 3:30pm outside Room 469

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ABSTRACT

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Models of neutrino mass generation provide well motivated scenarios of Beyond-the-Standard-Model physics. The synergy between low energy and high energy LHC searches facilitates an effective approach to rule out, constrain or ideally pinpoint such models. In my seminar, I will provide a brief overview of scenarios where searches at the LHC can help determine the mechanism of light neutrino masses and potentially falsify baryogenesis mechanisms.

All are welcome to attend