



ICTS

INTERNATIONAL  
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SCIENCES

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

## **ICTS Special Colloquium**

Title : Principal bundles in Diophantine Geometry

Speaker : Minhyong Kim, University of Oxford, England

Date : Friday, December 21, 2018

Time : 11:00 AM

Venue : Emmy Noether Seminar Room, ICTS Campus, Bangalore

Abstract : Principal bundles and their moduli have been important in various aspects of physics and geometry for many decades. It is perhaps not so well-known that a substantial portion of the original motivation for studying them came from number theory, namely the study of Diophantine equations. I will describe a bit of this history and some recent developments.