

Department of Mathematics, BGU

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# Colloquium

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*On Tuesday, April ,5 2016*

*At 14:30 – 15:30*

*In Math 101-*

Minhyong Kim (Oxford)

will talk about

## **Reciprocity laws, Diophantine equations, and fundamental groups**

Abstract: We give a brief survey of the interaction between class field theory and the theory of Diophantine equations, starting from the theorem of Hasse-Minkowski to recent work on non-abelian reciprocity laws.