



Mathematics and CS Seminar

From quadratic reciprocity to arithmetic duality theorems

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Host: Tim Browning

The law of quadratic reciprocity is a classical and useful tool in number theory. In this talk, I will start by recalling a simple proof of this statement. Then I will explain its link to global class field theory and the applications to the existence of rational points on algebraic varieties. Finally, I will discuss more advanced extensions like Poitou-Tate duality theorem and its generalizations.

Thursday, May 14, 2020 01:30pm - 03:30pm

IST Austria Campus Heinzl Seminar Room / Office Bldg West (I21.EG.101)



This invitation is valid as a ticket for the IST Shuttle from and to Heiligenstadt Station. Please find a schedule of the IST Shuttle on our webpage: <https://ist.ac.at/en/campus/how-to-get-here/> The IST Shuttle bus is marked IST Shuttle (#142) and has the Institute Logo printed on the side.