

More information:



Registration:



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2020 NCTS Summer Course on Local Class Field Theory

Class Field Theory is one of fundamental tools in number theory. Due to the growth of students who wish to explore the areas of number theory, arithmetic geometry and related topics, it is necessary to provide a course which cover Class Field Theory. In this short course we plan to cover Local Class Field Theory which partially meets the need.

Topics:

1. The Brauer Group of a Local Field
2. Abelian extensions of Local Fields
3. Formal Multiplications in Local Fields

Reference:

Jean-Pierre Serre, Local Class Field Theory.

Algebraic Number Theory edited by Cassels and Frohlich, 129-160

Speaker: Chia-Fu Yu (Academia Sinica)

Time 2020/7/6 (Mon.) -7/10 (Fri.) 15:20 - 17:10

Venue Room 201, NCTS (Astro-Math Bldg., NTU)

Organizers: Chia-Fu Yu (Academia Sinica)