

## **abstract**

ANALYTIC AND GEOMETRIC NUMBER THEORY MINI-COURSE

Topic:

Speaker:

Affiliation:

Date:

Time/Room:

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This is an exposition of work on Artin's Conjecture on the zeros of  $p$ -adic forms. A variety of lines of attack are described, going back to 1945. However there is particular emphasis on recent developments concerning quartic forms on the one hand, and systems of quadratic forms on the other. This is the first of two lectures. The second will take place in April.