

COLLOQUIUM

SHAHIDI LOCAL COEFFICIENTS
AND IRREDUCIBILITY RESULTS ON
COVERINGS OF P-ADIC $SL(2)$.

DANIEL SZPRUCH

Department of Mathematics, Indiana University

[ABSTRACT]

The Langlands-Shahidi method has proven to be one of the most powerful tools to study automorphic L-functions. In this talk we shall survey the definition of Shahidi local coefficients for p-adic $SL(2)$ and an application to a local irreducibility question. We will then present some new results and techniques regarding their metaplectic counterpart. No background on p-adic numbers and no knowledge on representation theory beyond basics are required for this talk. This is a joint work with David Goldberg.

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