

# Pure Mathematics Seminar

## Ramification Theory in the Langlands Program

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In the geometric/categorical Langlands Program there exist integer valued local invariants which can be used to classify local differential galois objects. This talk aims to illuminate an analogy relating ramification data between different settings of a Langlands correspondence. An interesting relation to the representation theory of simple Lie algebras arises as a consequence of the ramification data at singular points on a projective algebraic curve.

Date: **Friday, April 27, 2018**

Time: **12:00 pm**

Place: **Edinburg:** EMAGC 1.410, **Brownsville:** BLIBR 2.206

**The talk will delivered live at the *Edinburg* campus and will be streamed to the Brownsville campus**

**Join the seminar remotely via Zoom: Meeting ID: 661 819 679**

**Coffee will be served.**

For further information or for special accommodations, please contact Dr. Sergey Grigorian via email at [sergey.grigorian@utrgv.edu], or Dr. Alexey Garber at [alexey.garber@utrgv.edu], or visit the webpage <http://www.utrgv.edu/math/news-events/seminars/puremath/index.htm>