

# The UIC Algebraic Geometry Seminar

## REPRESENTATIONS OF DIFFERENTIAL ALGEBRAIC GROUPS

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A linear differential algebraic group is given by algebraic differential equations. We shall discuss how one can recover such a group knowing its category of finite dimensional representations. This is done in the language of Tannakian categories. We shall also see how to express certain properties of these groups using the language of representations.

SEO 636  
Thursday, November 1st  
4:00 p.m.

<http://www.math.uic.edu/~coskun/f2007alggeom.html>