

## **Function Theory for Laplace and Dirac-Hodge Operators on Hyperbolic Space**

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In this talk the basics of a function theory for the Laplace operator and Dirac-Hodge operator are developed for upper half space in  $R^n$ , with  $n > 2$ , endowed with the hyperbolic metric. A Cauchy integral formula and a Green's formula are introduced and applications to Hardy spaces and boundary value problems are indicated.