



Department of Mathematics
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For Favour of Posting

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Representation and Number Theory Seminar

(The formal geometry of the local models)

by

(Dr. Ian Gleason)

(Universität Bonn)

Abstract:

We will discuss the basic geometry of certain v -sheaf analogues of formal schemes that we call kimberlites. We discuss the proof that a (nice enough) kimberlite is determined by its specialization triple. We discuss the proof that minuscule local models are representable by formal schemes. If time allows we discuss the normality of the local models and applications.

Date : March 22, (Tuesday)

Time : 4:00pm – 5:00pm (Hong Kong SAR)

Zoom link :

<https://cuhk.zoom.us/j/97838822137?pwd=ZTVvSC9abmNjR3RCcS9FTzJNTVhXdz09>

Meeting ID: 978 3882 2137

Passcode : sesame

All are Welcome