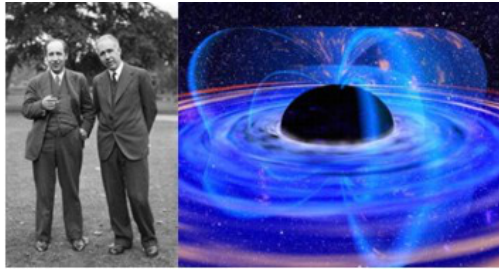


## Mathematical Aspects of General Relativity



Contribution ID: 5

Type: **not specified**

### **Open issues in the classification and characterization of higher- dimensional black holes**

*Friday 11 April 2008 14:15 (45 minutes)*

After a review of our current knowledge about higher-dimensional black holes, I will discuss some problems that arise due to novel types of black holes that do not arise in four dimensions. In particular, the absence of uniqueness, and the existence of horizons with the geometry of a product space seem to require new ideas and tools in order to achieve a better characterization and classification of black holes.

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