Contribution Title: THERMODYNAMICS OF DILATON AXION BLACK

HOLES

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Invited speaker:

YRS seminar: NO

Axially symmetric Einstein-Maxwell black holes with dilaton axion charges are studied. We are particularly interested in the thermodynamics of these objects. We investigate the relationship of the Einstein field equations with the first law of thermodynamics. We also study the entropy and Bekenstein-Hawking area law for these black holes.