ΚΟΙΝΟ ΣΕΜΙΝΑΡΙΟ ΚΕΝΤΡΟΥ ΚΒΑΝΤΙΚΗΣ ΠΟΛΥΠΛΟΚΟΤΗΤΑΣ ΚΑΙ ΝΑΝΟΤΕΧΝΟΛΟΓΙΑΣ & ΚΕΝΤΡΟΥ ΘΕΩΡΗΤΙΚΗΣ ΦΥΣΙΚΗΣ ΚΡΗΤΗΣ /

JOINT CCQCN -CCTP SEMINAR

Tuesday, 25 November 2014

14:00-15:00

2nd Floor Seminar Room

Near horizon geometry of M2/M5-branes

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Abstract

I will discuss the construction of half-BPS solutions of 11-dimensional supergravity, with isometry superalgebra D(2,1;\gamma) x D(2,1;\gamma). Their space-time has the form AdS_3 x S^3 x S^3 warped over a 2d Riemann surface. The solutions include the near-horizon geometries of M2-branes ending on, or intersecting with, M5-branes along a common string