

ABSTRACT

By either a time-shift projection P_0 , or a space-conformal projection P_1 , we can produce a Lorentz invariant 4D space-time metric from 5D space-time. Under such projections, it was found that masses and charges are realized from the totally empty 5D space-time. While P_0 projection leads to the Maxwell equations, when external charge currents are provided by carriers satisfying the Dirac equation; the space projection P_1 , on the other hand, produces the fractional charges satisfying the Gell-Mann Quark model with the SU(3) representation for the bound (qq) and (qqq) states, representing the mesons and baryons respectively.

Date

16 June 2009 (Tue)

Time

7.00 – 9.00 pm

Venue

Room FJ302

The Hong Kong Polytechnic University

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[Ref: 5-Dimension Space-Time Field Theory and Realization of Matter]

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- Free Admission -

with Attendance Certificate

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Lecture Series on Popular Science
and Advanced Technology

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