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## **Seminar**

### **A uniformly accelerated charge can radiate in a unified field theory of gravity and electrodynamics**

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It will be shown that in the presence of electrical charges Einstein's Equivalence Principle demands a unified theory of gravity and electromagnetism. Such a theory based on a metric-affine manifold has been developed, and its consequences regarding redshifts and the bending of light worked out. Finally, it will be shown that the theory also predicts the Schuster-Blackett law relating the angular momenta and magnetic moments of a wide variety of astronomical bodies.

***Tuesday, Nov 10<sup>th</sup> 2015***

***4:00 PM (Tea/Coffee at 3:45 PM)***

***Seminar Hall, TCIS***