

A BIASED OVERVIEW OF A POWER-LAW ENTROPY



JUNE 28

4-5 P.M.

N1044

The *Havrda-Charvat/Daroczy/Lindhard-Nielsen/Cressie-Read/Tsallis* entropic functional has attracted some attention during the last 25 years. *Professor N. Kalogeropoulos* will present a biased overview of this functional, having in mind its potential applicability in the statistical physics of particles and fields.

After completing a Ph.D. at Syracuse University in 1996, Professor N. Kalogeropoulos held faculty positions in teaching-oriented Colleges and Universities in North America. Since October 2010 he has been teaching Physics in the Pre-medical Program of Weill Cornell Medicine—Qatar, in Doha, Qatar. His research interests lie in Theoretical Physics and particularly in applications of Geometry and Topology to Quantum Field Theory, Gravitation, and Statistical Mechanics.