



United Nations
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ICTP - East African Institute
for Fundamental Research
under the auspices of UNESCO

The East African Institute for Fundamental Research (EAIFR)
invites you to a

PUBLIC LECTURE

Title: Looking for Dark Matter



Speaker: Dr. **Massimo Pietroni**
(INFN Padova & Parma University, Italy)

Date: Wednesday, 20 February, 2019

Time: 18:00 – 19:00 HRS

Venue: EAIFR, top floor
(Former “KIST2” Building of the Univ. of Rwanda in Nyarugenge)

The talk is meant for a general audience, with no prior knowledge of physics. The general public is invited.

Abstract:

In modern days, cosmologists have succeeded to construct a model of the Universe that agrees with many independent observational evidences collected in the past 40 years. Yet, the model requires that most of the matter that fills up the Universe is of unknown origin. Moreover, it does not interact with any of the particles (protons, neutrons, electrons...) that make up our Solar System and our daily life: it is the so-called Dark Matter. In this lecture, we will review the observations that require us to postulate its existence, and explore some of the possible explanations of the puzzle.

KIST2 Building CST, Nyarugenge Campus, University of Rwanda, Kigali, Rwanda • info@eaifr.org • eaifr.ictp.it

