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Press Release: Young Scientists from Jamia participate in Summer School, Italy

4 Young Student Scientists from the Centre for Theoretical Physics, Jamia Millia Islamia are participating at a Summer School in Italy. It is being held at the International Centre for Theoretical Physics and it focuses on Cosmology. Cosmology is the study of the whole Universe -- the big and the small, the close and the far.

International Centre for Theoretical Physics is currently hosting its two-week cosmology summer school, which has drawn 210 participants from around the globe. The biggest single group at the summer school is from Jamia Millia Islamia and they have been financially fully supported by the hosts.

The summer school is about understanding the Universe, from dark matter to dark energy to gravity to galaxy clusters. It is also designed to expose new cosmologists from all over the globe to new research in the expansive field of cosmology.

Remya Nair, one of the participants from Jamia Millia Islamia, displayed her research during a poster session among others. Nair said in an interview “participants are receiving an overview of what could be called the “standard model” of cosmology. She further said “Here I get a flavor of it, because there are a lot of things I don't know, even naively.” She said she is looking for violations of assumptions about the relationship between the distances of light and space using existing data on galaxies and supernovae.

Nair was one of the several students who displayed their research during a poster session. Students also gave short talks on their research as part of the school’s activities. “I just want to see what the data infers,” Nair said. ‘Is it really telling us that the universe is accelerating? Is it really telling us that the universe is homogeneous at large scales? Or is there evidence for a violation of these things?” These were some of the questions she raised.

Jamia is proud of its young student’s achievements.

Media Coordinator
Jamia Millia Islamia

Photograph attached.