

Notice regarding Expert Lecture on 1st November, 2023 in the Department of Physics

1 message

Communication Cell IUL <communications@iul.ac.in>
Bcc: pyfc@iul.ac.in

Mon, Oct 30, 2023 at 7:12 PM

Dear All,

Cosmoparticle Physics is a multidisciplinary field that explores the connections between cosmology and particle physics. In a universe that is both vast and intricate, understanding the interplay between cosmology and particle physics is essential for advancing our knowledge of the cosmos. Cosmoparticle Physics sheds light and illuminates the profound connection between the universe's grand structure and the elementary particles.

With this point of view, it gives me immense pleasure to announce that the Departmental Quality Assurance Cell (DQAC) of the Physics Department is going to organize an expert lecture on Cosmoparticle Physics. The details of the expert lecture are as under:

Topic of the Expert Lecture: Cosmoparticle Physics - Fundamental Relationship of Cosmology and Particle Physics

Name and Affiliation of Resource Person: Professor Maxim Yu. Khlopov, President of Centre for Cosmoparticle Physics, National Research Nuclear University, Moscow, Russia

Date and Time: 1st November, 2023, 11:30 A. M. Onwards

Venue: Academic Block – D, Room No. D 113 (NLT-5)

Mode: Hybrid Mode

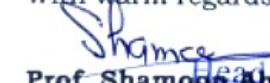
The lecture will also be streamed live on the official YouTube Channel of the Physics Department

YouTube Link: <https://www.youtube.com/watch?v=Arp7qhJzkgI>

All are requested to encourage their students to attend this interesting lecture.

Thanking you

With warm regards


Prof. Shamooh Ahmad Siddiqui
Head, Department of Physics
Integral University, Lucknow
Lucknow

Report on Expert Lecture on Cosmoparticle Physics Conducted by Physics Department on 1st November, 2023

1 message

Communication Cell IUL <communications@iul.ac.in>
Bcc: pyfc@iul.ac.in

Thu, Nov 16, 2023 at 11:29 AM

Brief Report of Expert Lecture on "Cosmoparticle Physics - Fundamental Relationship of Cosmology and Particle Physics" Organized by Department of Physics

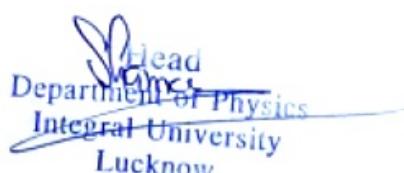
Departmental Quality Assurance Cell (DQAC) of the Physics Department, Integral University, Lucknow organized an expert lecture on "Cosmoparticle Physics - Fundamental Relationship of Cosmology and Particle Physics" on 01.11.2023. The lecture was delivered by Professor Maxim Yu. Khlopov, President of Centre for Cosmoparticle Physics, National Research Nuclear University, Moscow, Russia. Prof. Maxim is a renowned academician & researcher in the world; with 339 Research paper, having 14255 citations & h index of 60. Prof. Maxim is the author of 25 books, textbooks and chapters in books. He visited several countries, namely, USA, Poland, Hungary, Germany, France, Japan, Italy, Switzerland, Spain and many more.

The event began with a welcome address by Dr. Mohd Shahalam, Assistant Professor, Department of Physics. It was a highly informative and engaging event. The eminent speaker provided valuable insights into the interplay between cosmology and particle physics, shedding light on the connections and fundamental relationships that underpin our understanding of the universe. The speaker discussed **Dark Matter and Dark Energy, Arguments for BSM Physics and Primordial Black Holes**.

The lecture was well-received by the audience, which included students, researchers, and faculty members. The speaker's clear presentation and expertise in the field made the complex topics accessible to all attendees. A lively question and answer session followed the lecture, demonstrating the audience's active engagement with the subject matter.

The event provided a platform for enriching discussions and further exploration of the fascinating field of cosmoparticle physics. Overall, the invited lecture successfully promoted a deeper understanding of the fundamental relationship between cosmology and particle physics, leaving the audience with valuable insights and knowledge.

- **Mode:** The lecture was conducted in a hybrid mode, allowing both physical and virtual attendance. It was also live-streamed on the official YouTube Channel of the Physics Department.
- **Participant Attendance:** In total, 115 participants attended the lecture, which included both in-person and online attendees.

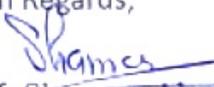


- **YouTube Views:** The lecture garnered **226** views on the official YouTube channel, indicating that the content reached a wider online audience beyond the live participants.

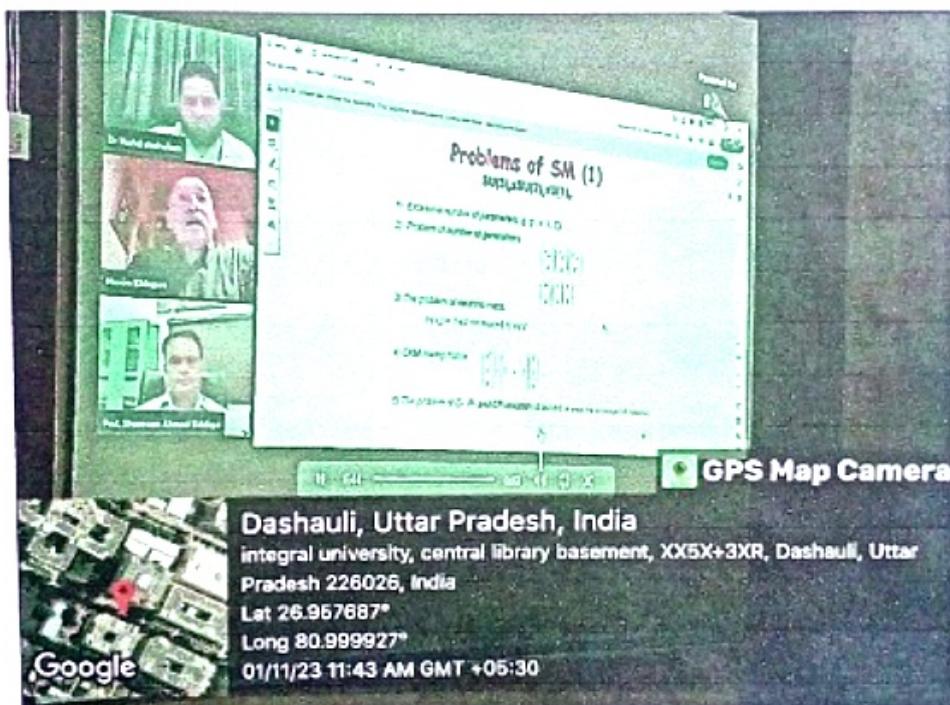
<https://www.youtube.com/watch?v=Arp7qhJzkgI>

- **Coordination:** The event was effectively coordinated by Dr. Mohd Shahalam, Dr. Salman Ahmad Warsi, Dr. Afroz Ahmad Khan, Dr. Haroon & Miss Tahira Khatoon.
- **Vote of Thanks:** The session concluded with a vote of thanks by Prof. Shamoon Ahmad Siddiqui, Head, Department of Physics.

With Regards,


 Prof. Shamoon Ahmad Siddiqui
 Head, Department of Physics
 Integral University
 Lucknow

Snaps of the Event



Pic 1: Prof. Maxim Yu. Khlopov Lecture Slide

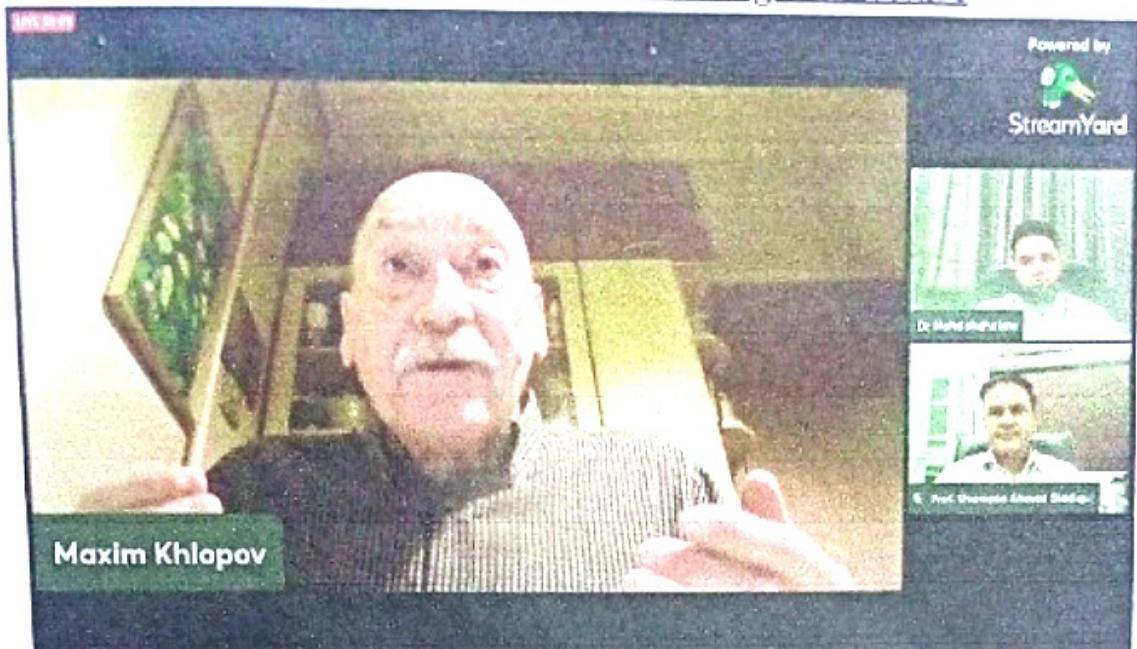


Pic -2: Faculty and Students attending the Lecture



J. Sharma
Head
Department of Physics
Integral University
Lucknow

Pic – 3: Various Students Attending the Lecture



Pic – 4: Prof. Khlopov Explaining the various aspects of Cosmoparticle Physics


Dr. Shyam Singh
Department of Physics
Integral University
Lucknow



Prof. Maxim Yu. Khlopov

Virtual Institute of Astroparticle Physics, Paris, France;
National Research Nuclear University "MEPHI" Moscow, Russia;
Institute of Physics, Southern Federal University, Russia

Invited Lecture

ON "Cosmoparticle physics - fundamental relationship of
cosmology and particle physics" Organized by
Department of Physics, Integral University, Lucknow

Date: 1st November, 2023

Attendance Sheet- Dept. of Physics

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8.	Ms. Tahira Khatoon	F00711	Assistant Professor (level II)	tahira@iul.ac.in	9621438270	
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Head
Department of Physics
Integral University
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INTEGRAL UNIVERSITY

Prof. Maxim Yu. Khlopov

Virtual Institute of Astroparticle Physics, Paris, France;
National Research Nuclear University "MEPHI" Moscow, Russia;
Institute of Physics, Southern Federal University, Russia

CSE - D

DSA I - A

DSA I - B

Kavishma

Department of Physics
Integral University
Lucknow

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Department of Physics, Integral University, Lucknow

Date: 1st November, 2023

Attendance Sheet (Students)

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Prof. Maxim Yu. Khlopov

Virtual Institute of Astroparticle Physics, Paris, France;
National Research Nuclear University "MEPHI" Moscow, Russia;
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Shameem
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Prof. Maxim Yu. Khlopov

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S. No.	Name	Course	Enrolment No.	Email Address	Contact Number	Signature
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Shahzad

Department of Physics
Integral University

Prof. Maxim Yu. Khlopov
Virtual Institute of Astroparticle Physics, Paris, France;
National Research Nuclear University "MEPHI" Moscow, Russia;
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S. No.	Name	Course	Enrolment No.	Email Address	Contact Number	Signature
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