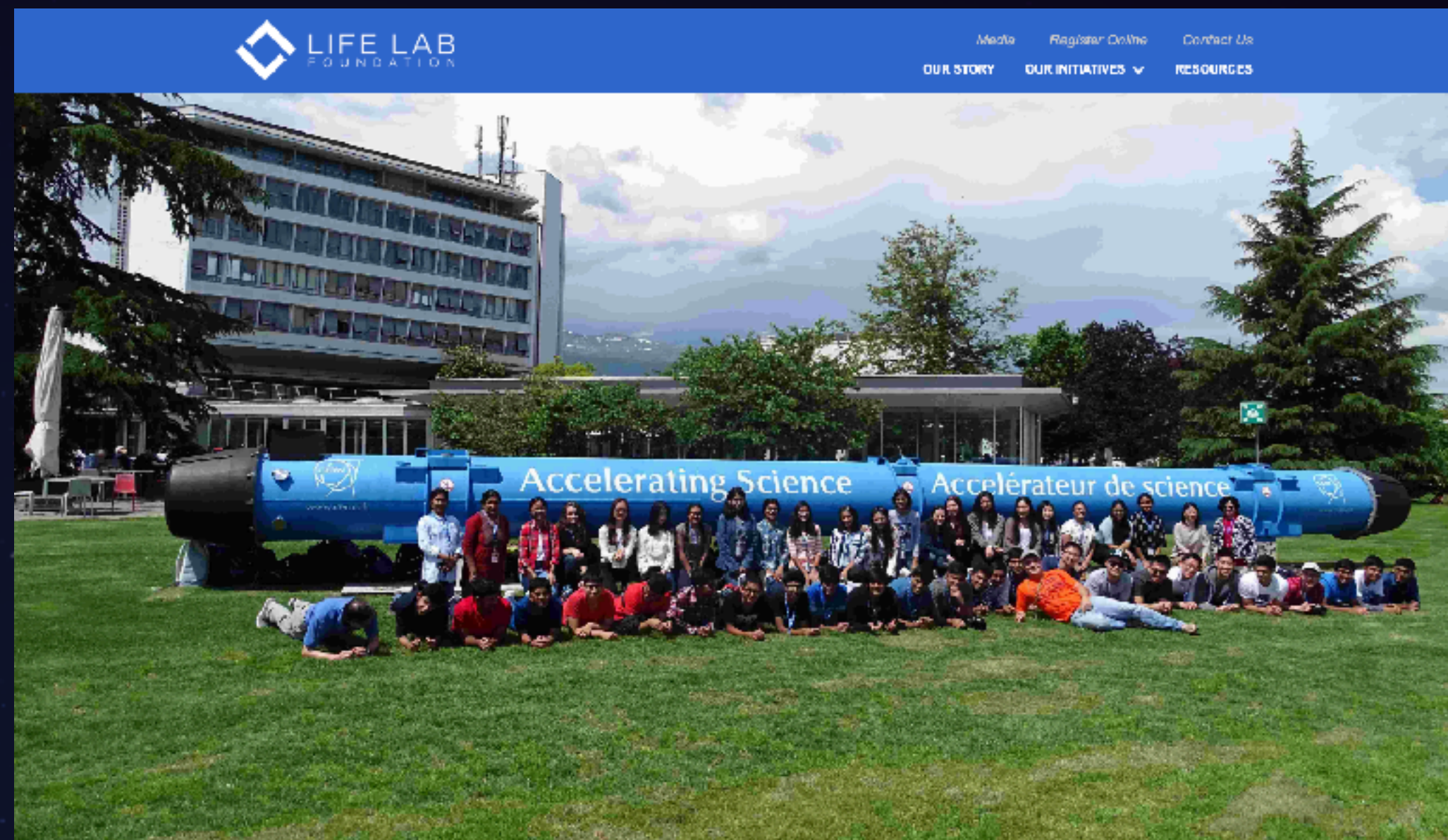




2016 -



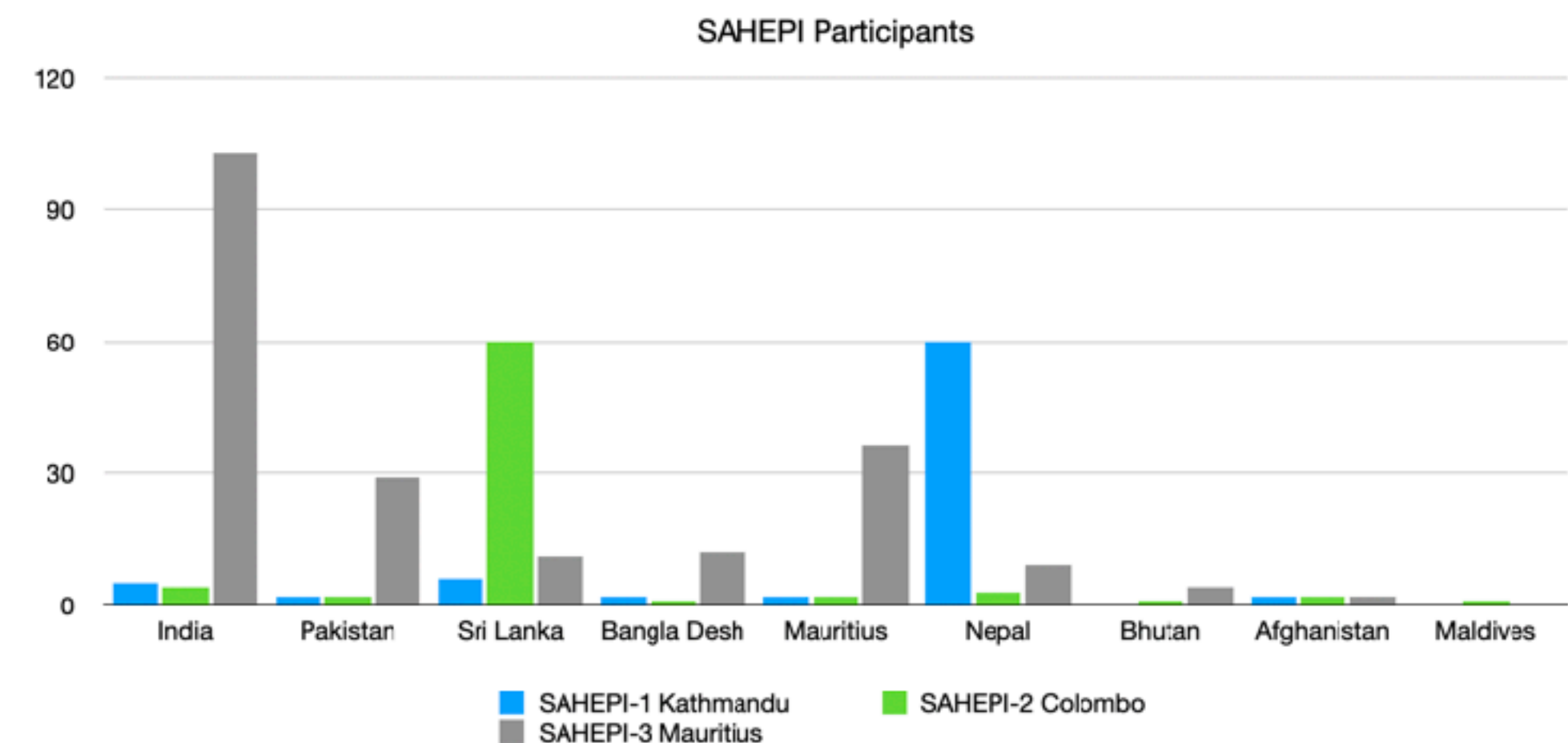
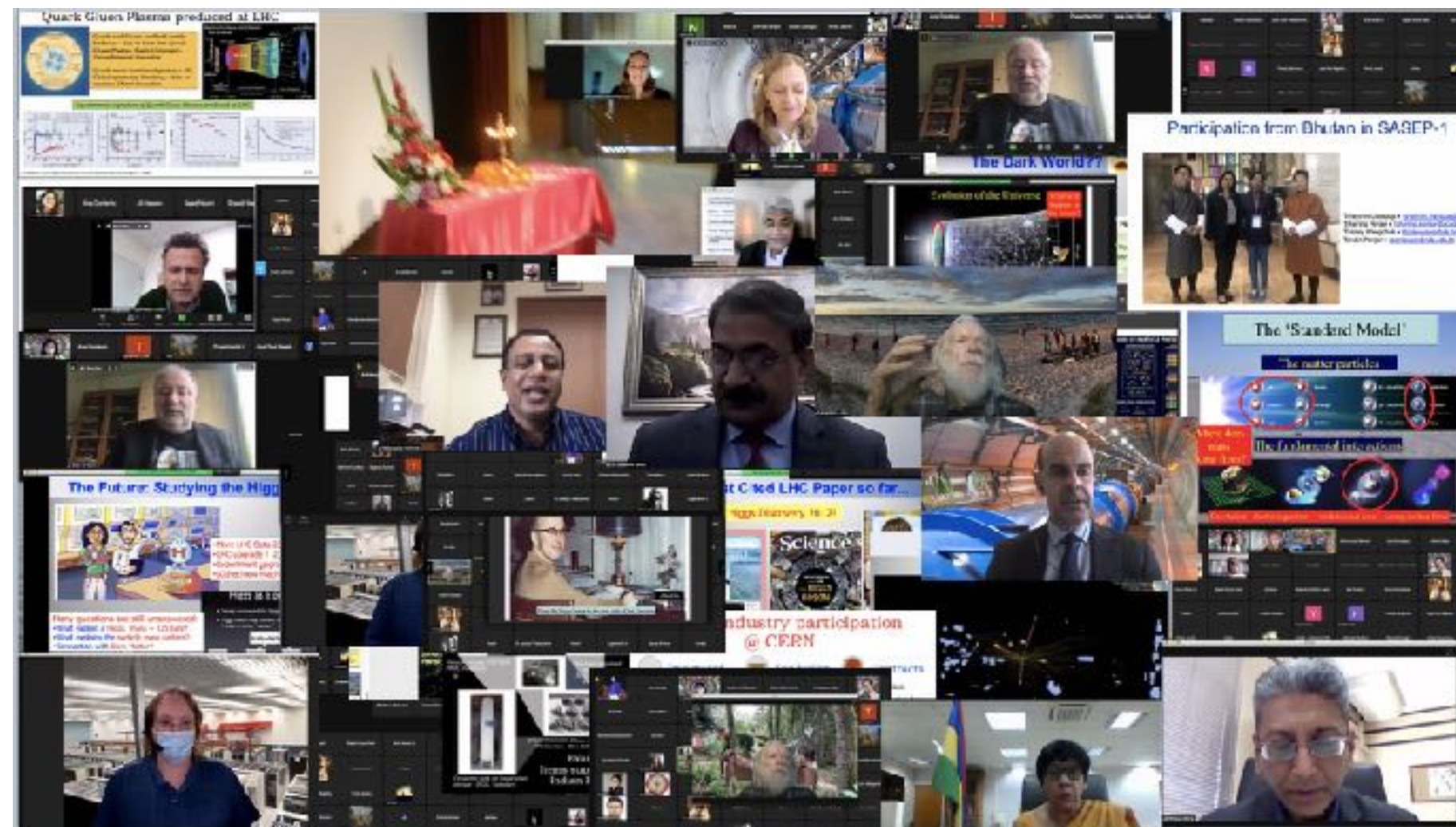
ARCHANA SHARMA

26-11-2024

SUPPORTED BY

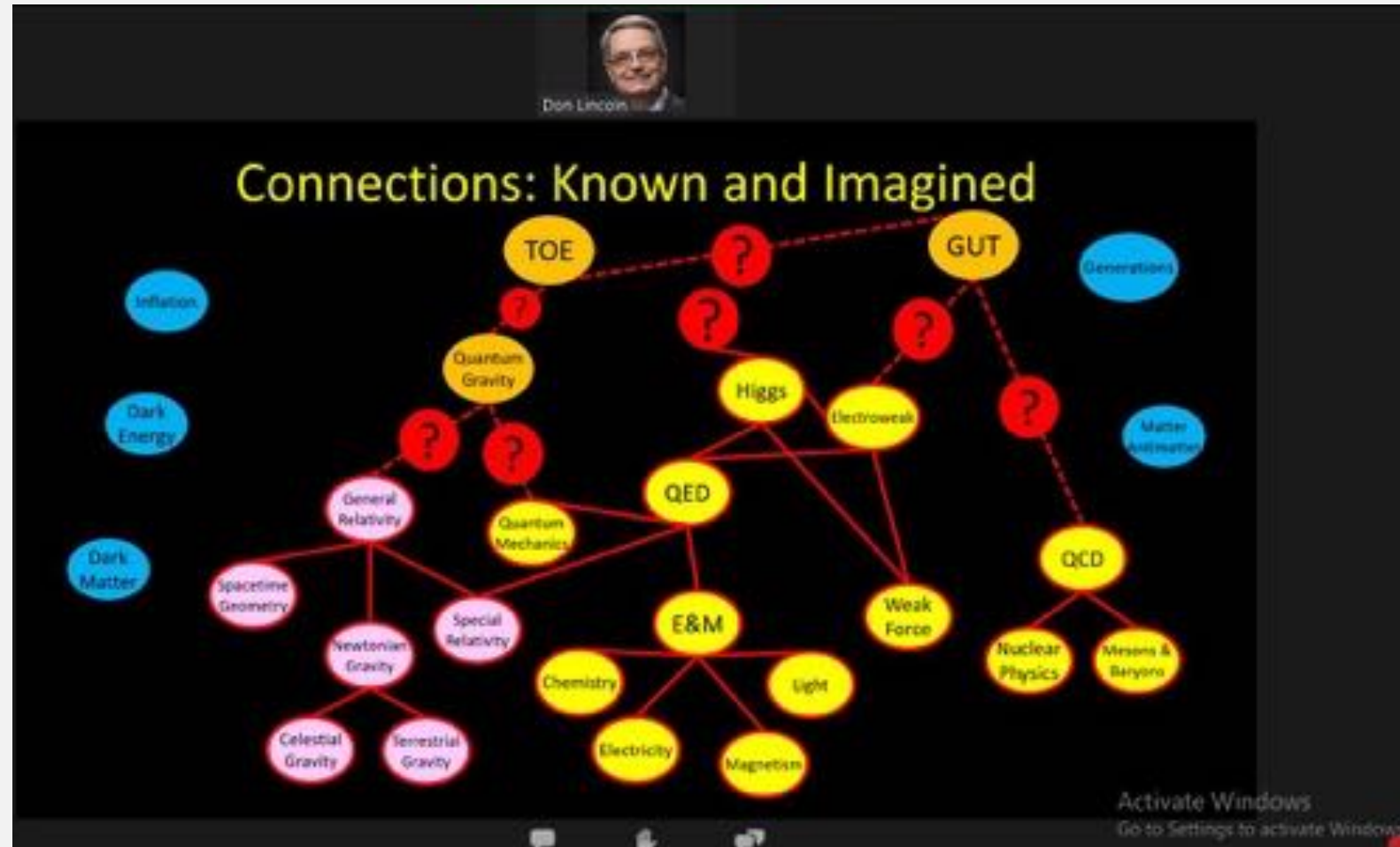


South Asian High-Energy Physics Instrumentation (SAHEPI) - 3



Hosted by the University of Mauritius in collaboration with CERN, the third edition of SAHEPI had a rising participation

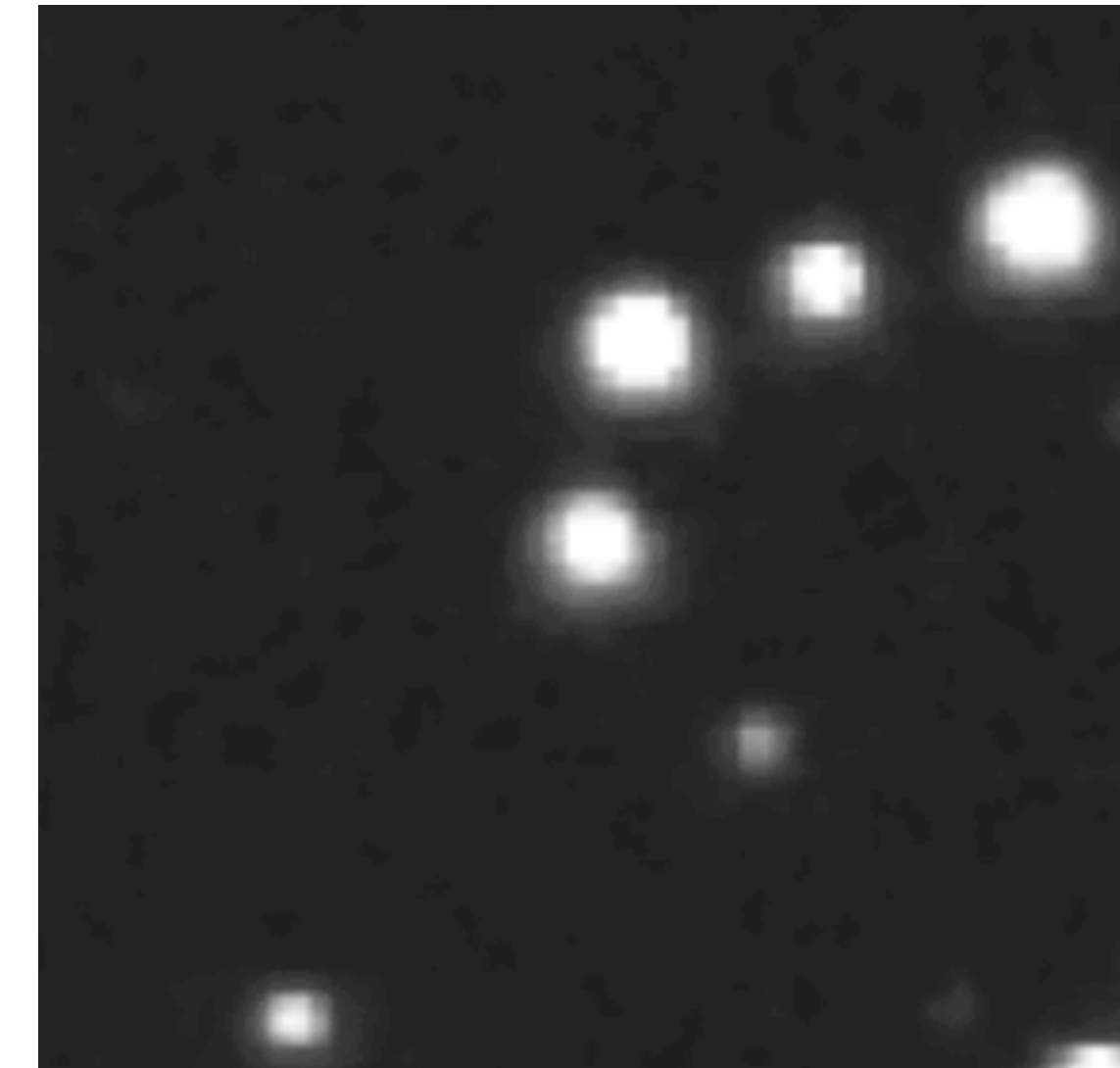
Roughly 210 participants connected including representatives from South Asian countries and CERN where LifeLab remains active in promoting basic science and engineering. Record participation from LifeLab Foundation STEM group



QuarkNet India Sessions

Exciting talks with particle physicists, educators and scholars ranging from high-energy physics, earth science, cosmology to cancer treatment

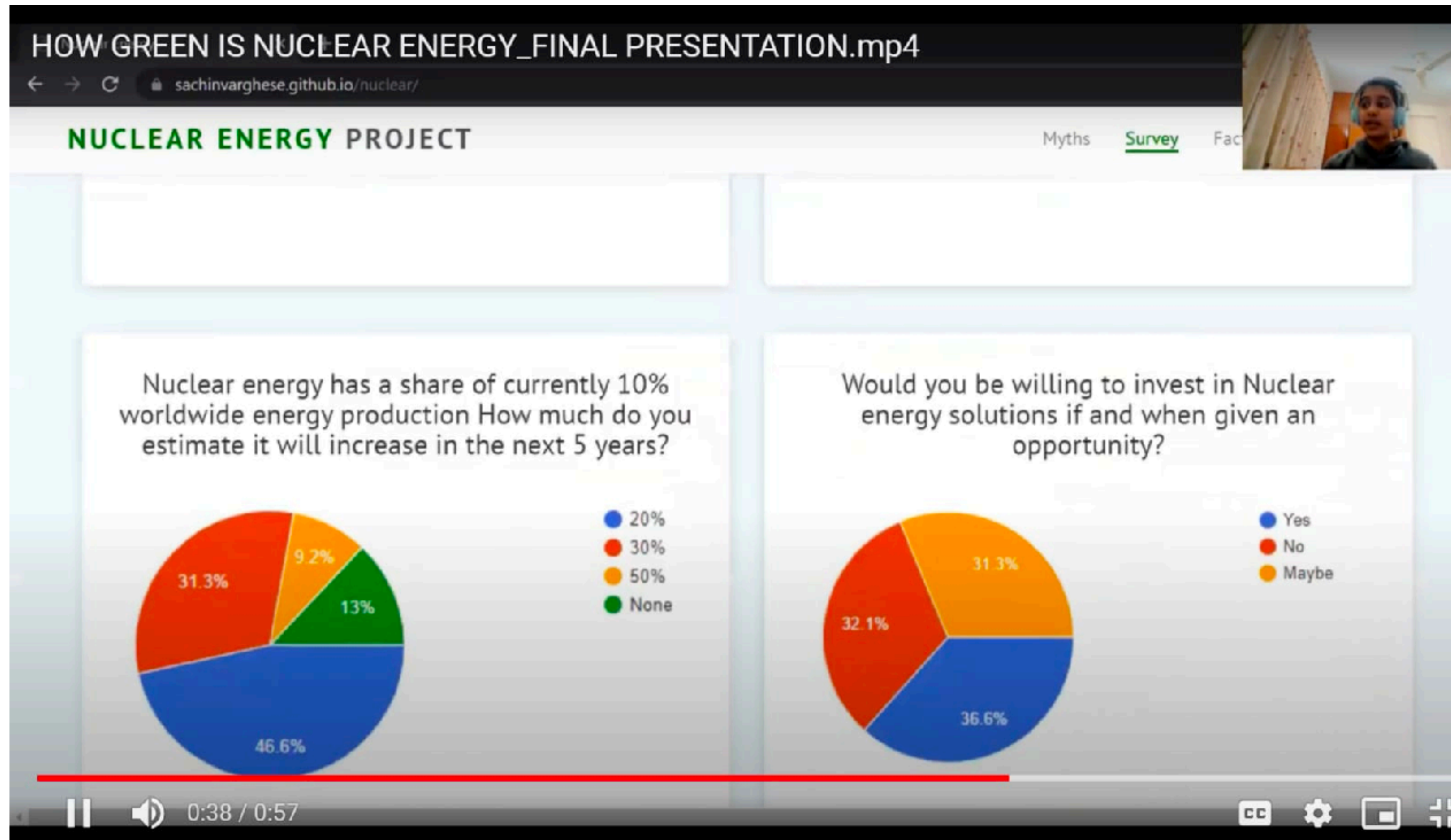
Astronomy Month 2021



Finding features in galaxies?

Celebration of the Astronomy Month in September with Astronomy and Citizen Science projects such as Zooniverse

Two LifeLab Team participated at the CERN Webfest



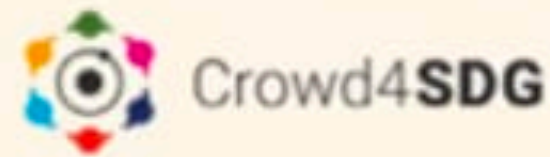
Crowd4SDG: Climate and Gender Challenge

#Open17Climate

Pitch your idea for tackling challenges with crowdsour

Deadline 30 September 2021

BROUGHT TO YOU BY:

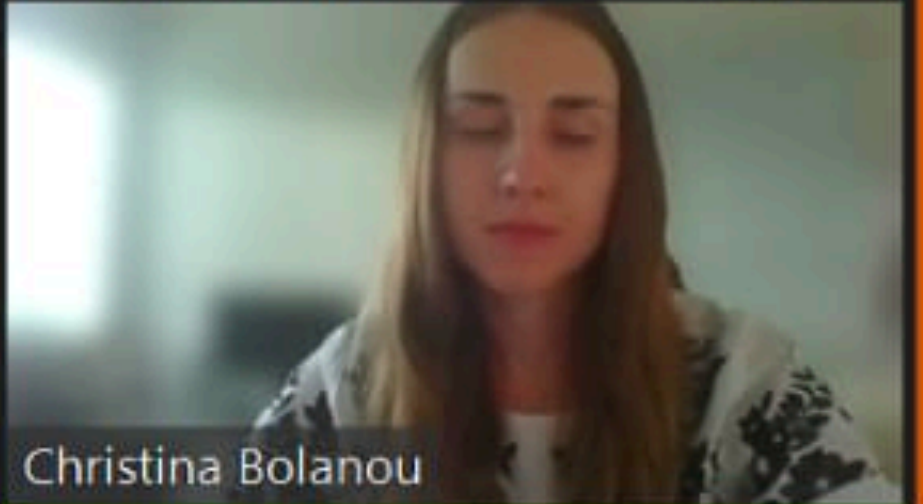
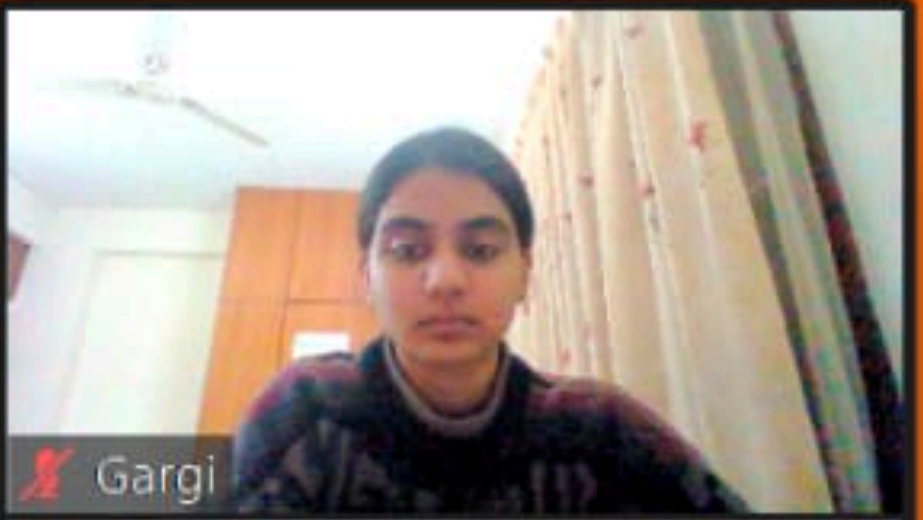


Participants (20)

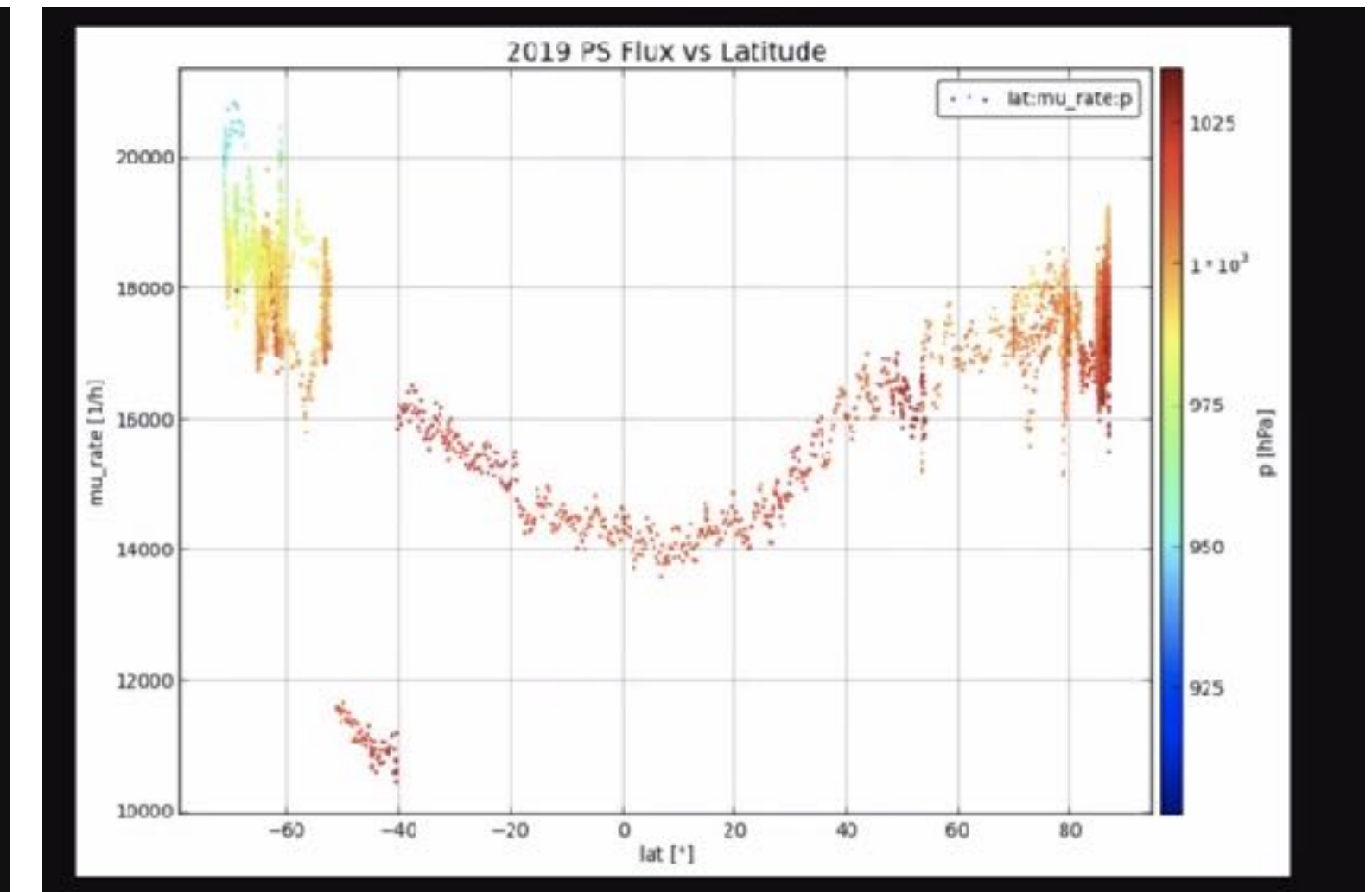
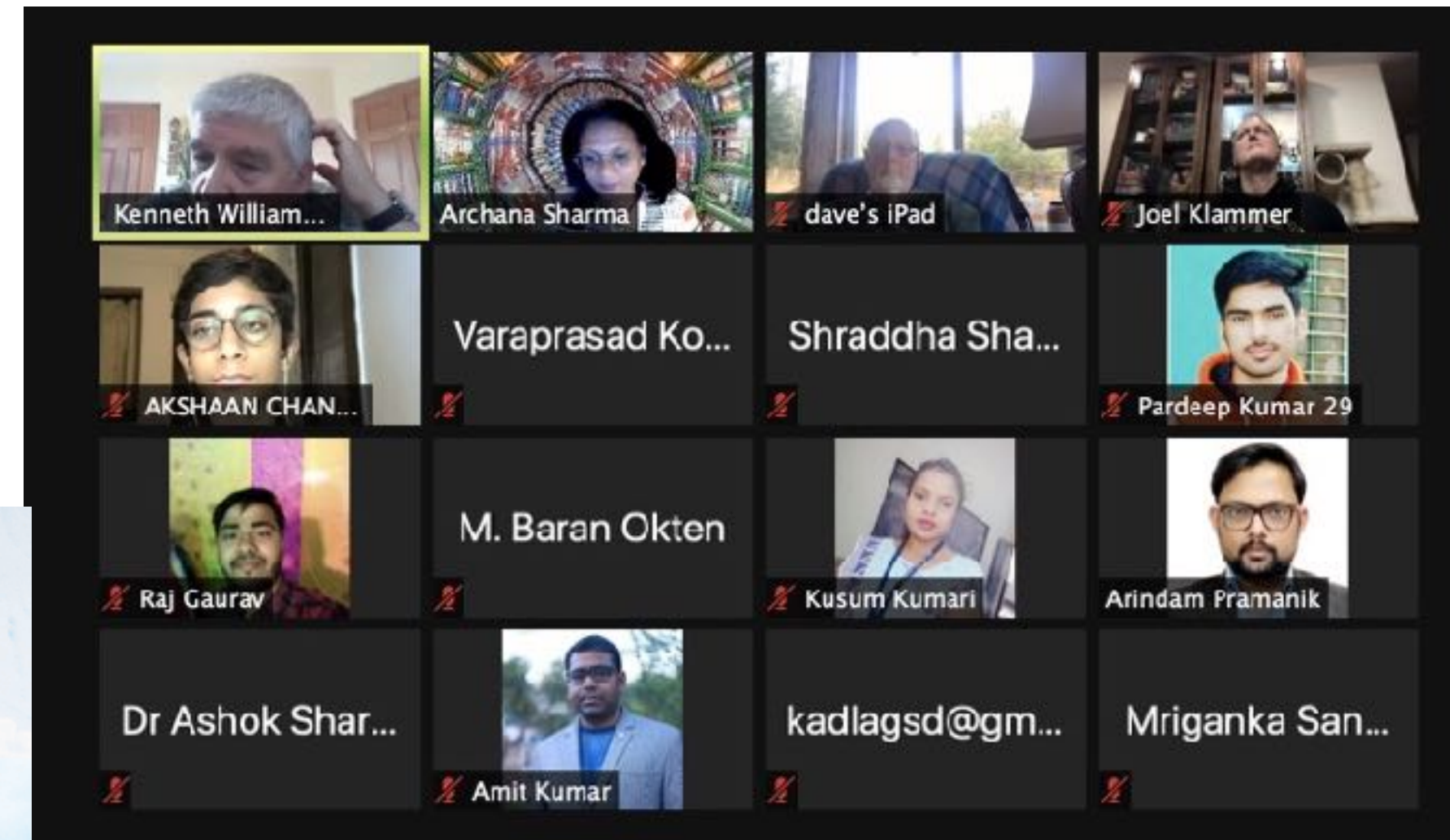
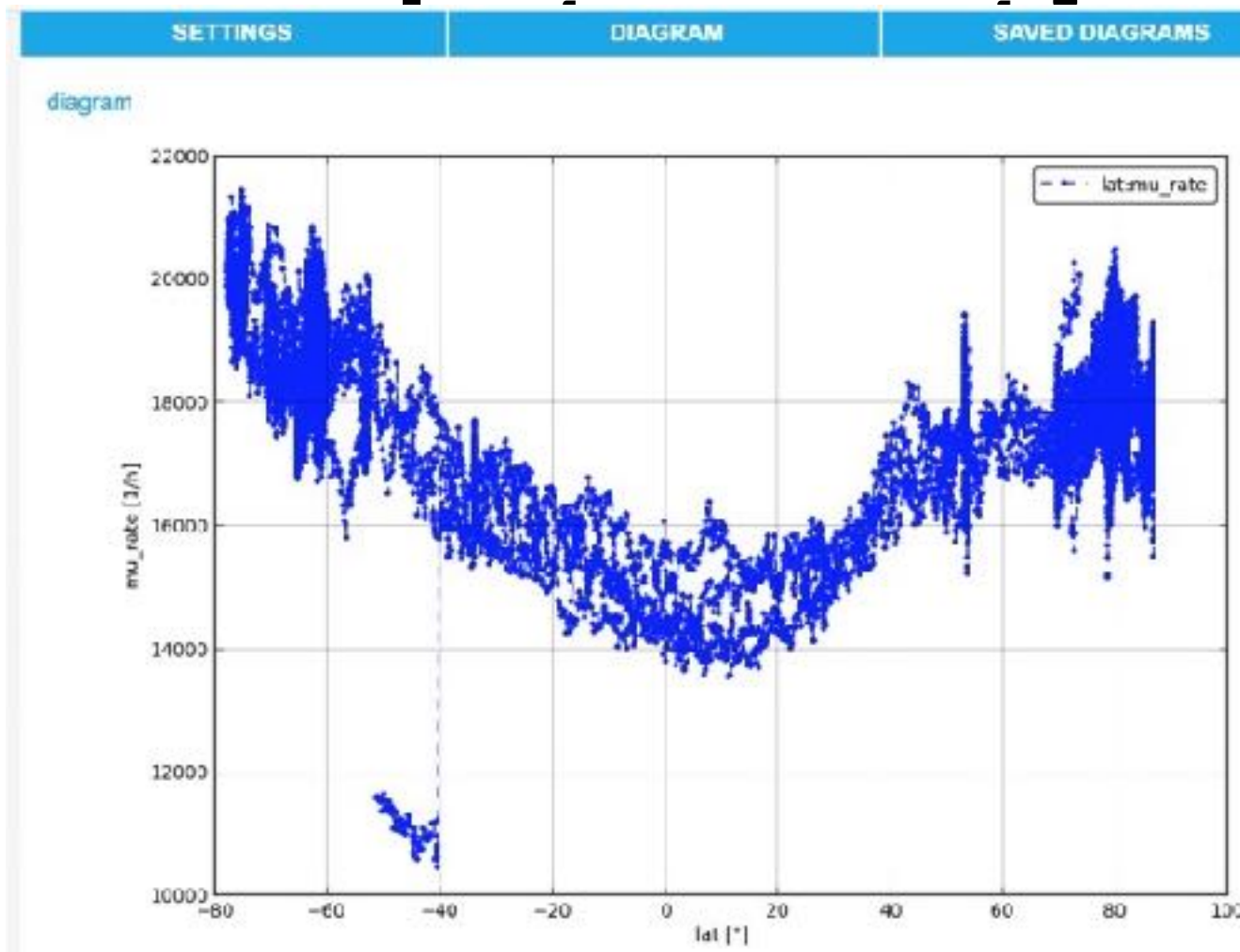
Find a participant


G	Gargi (Me)		
KS	Kristiane Sylvia Bernhard-Novotny (Host)		
AR	Andrew Robert Purcell (Co-host)		
CB	Christina Bolanou (Co-host)		
	Anastasiia Lazuka (Co-host)		

Invite Unmute Me



International Cosmic Day- Discover Cosmic Rays



PolarQuest 

#Polarquest from Hamburg to Antarctica

Preparing teachers and students for International Cosmic Day by looking at Big Data for cosmic ray flux and training to develop own plots

Hindustan Times' Code-A-Thon

Hindustan Times
CODE-A-THON
Learn. Participate. Win.

PRESENTED BY
cuemath
THE MATH EXPERT

POWERED BY
दिल्ली सरकार
आप ही सरकार

CODING FOR CAUSE PARTNER
IBM

THE School

**How to make your career
in Science and Technology?**

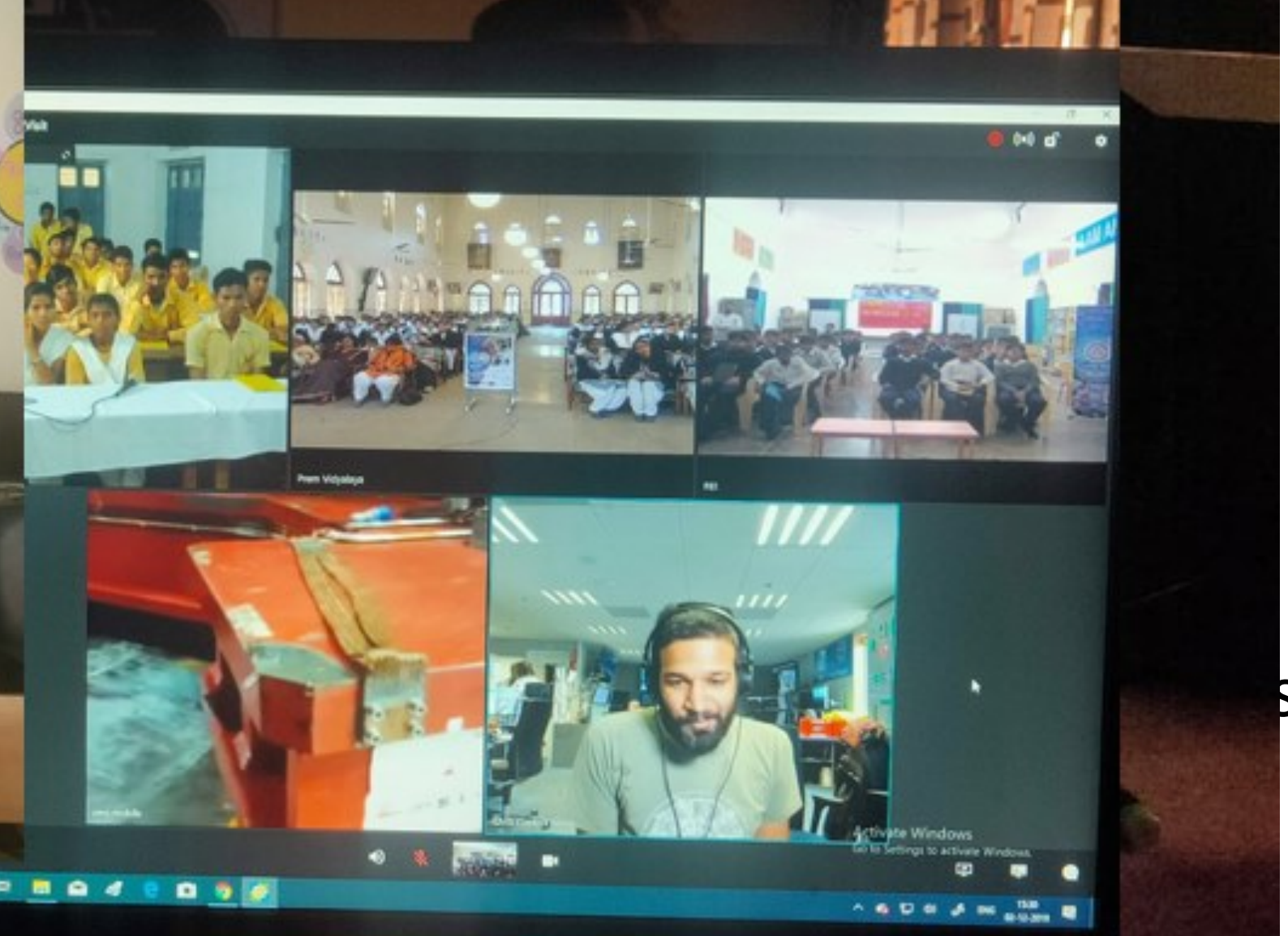
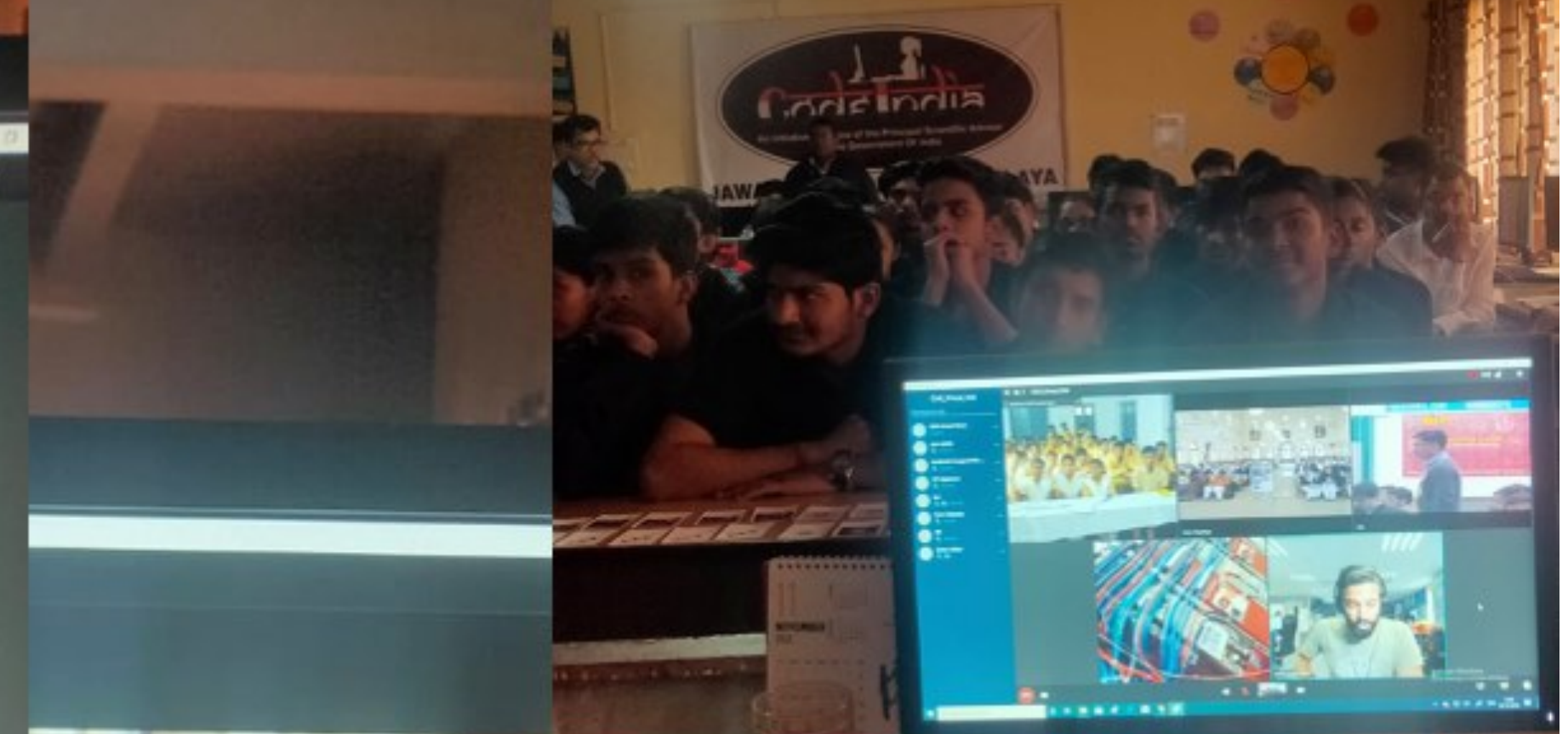
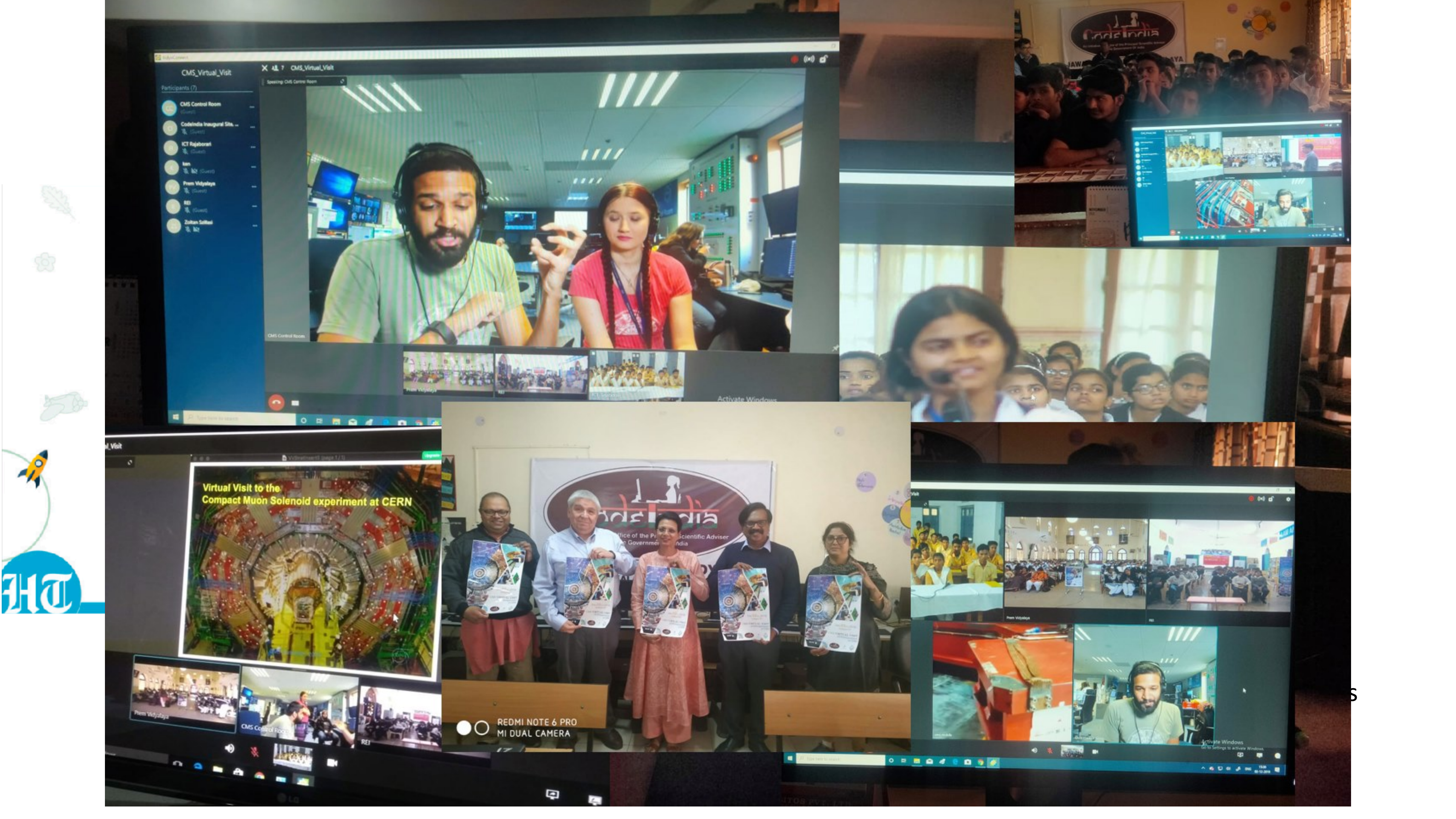
Watch it LIVE on [f](#) [i](#) [v](#) [t](#)

Prof. Dr. Archana Sharma
Principal Scientist,
CERN, Geneva

hindustantimes hTweets www.hindustantimes.com

**Achintya Rao Elizabeth Starling
Marzena Lapka** and many more at **CMS
Experiment at CERN CERN** for an
incredible experience of lifetime with a
virtual visit to CMS for 53 students 8
teachers at **Jawahar Navodaya
Vidyalaya** New Delhi AND Remote Site
1 Girls' school: 190 students 12 teachers
04 teacher interns. Remote Site 2 Boys'
school: 55 students 06 teachers 05
teacher interns. Remote site 3 Tribal
forest: 37 students 04 teachers. Yet
another first for CMS, well done to the
STAR communications team ! Thank
you **#CodeIndia** for making it possible !

Fuelling Life Lab's mission to inspire young generation in STEM, Dr Archana Sharma shared how to make careers in science and technology with students in India who participated in HT Codeathon

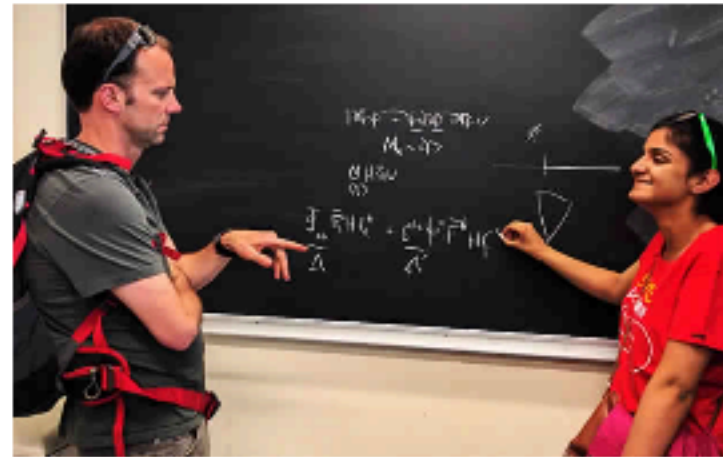


REDMI NOTE 6 PRO
MI DUAL CAMERA



**INSPIRING THE
SCIENTISTS OF TOMORROW**

We make learning fun and engaging for young people by exposing them to the joy of scientific inquiry. Through expert interactions, visits to leading research facilities, and participation in real experiments, we inspire them to stay curious.



Building a scientific community of students, teachers and global experts

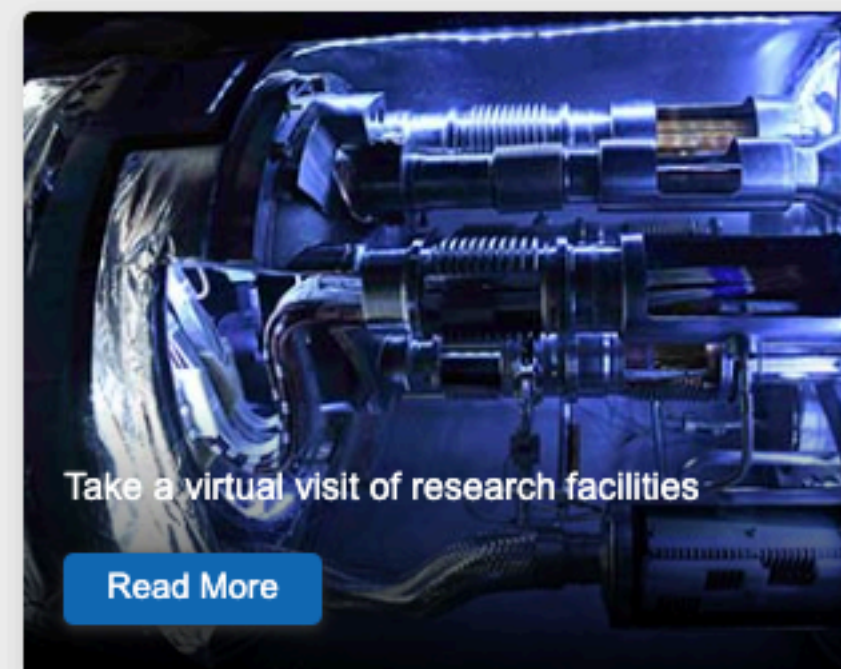
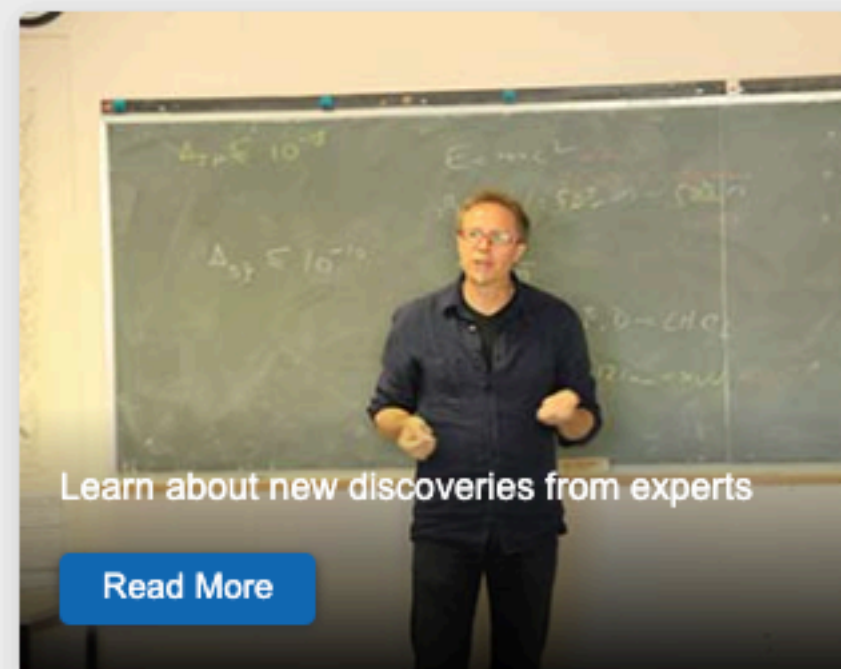


Empowering teachers with skill development and mentorship



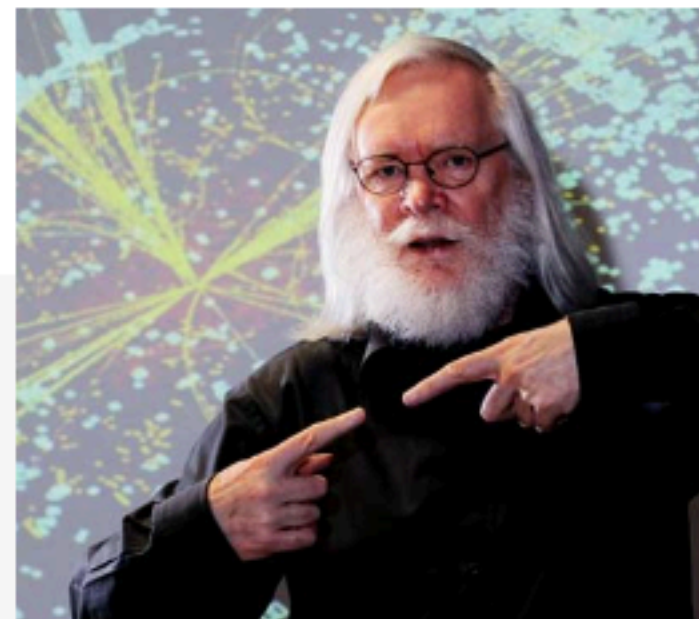
Nurturing talent through competitions, scholarships and specialised trainings

EXPERIENCES THAT EDUCATE AND EMPOWER



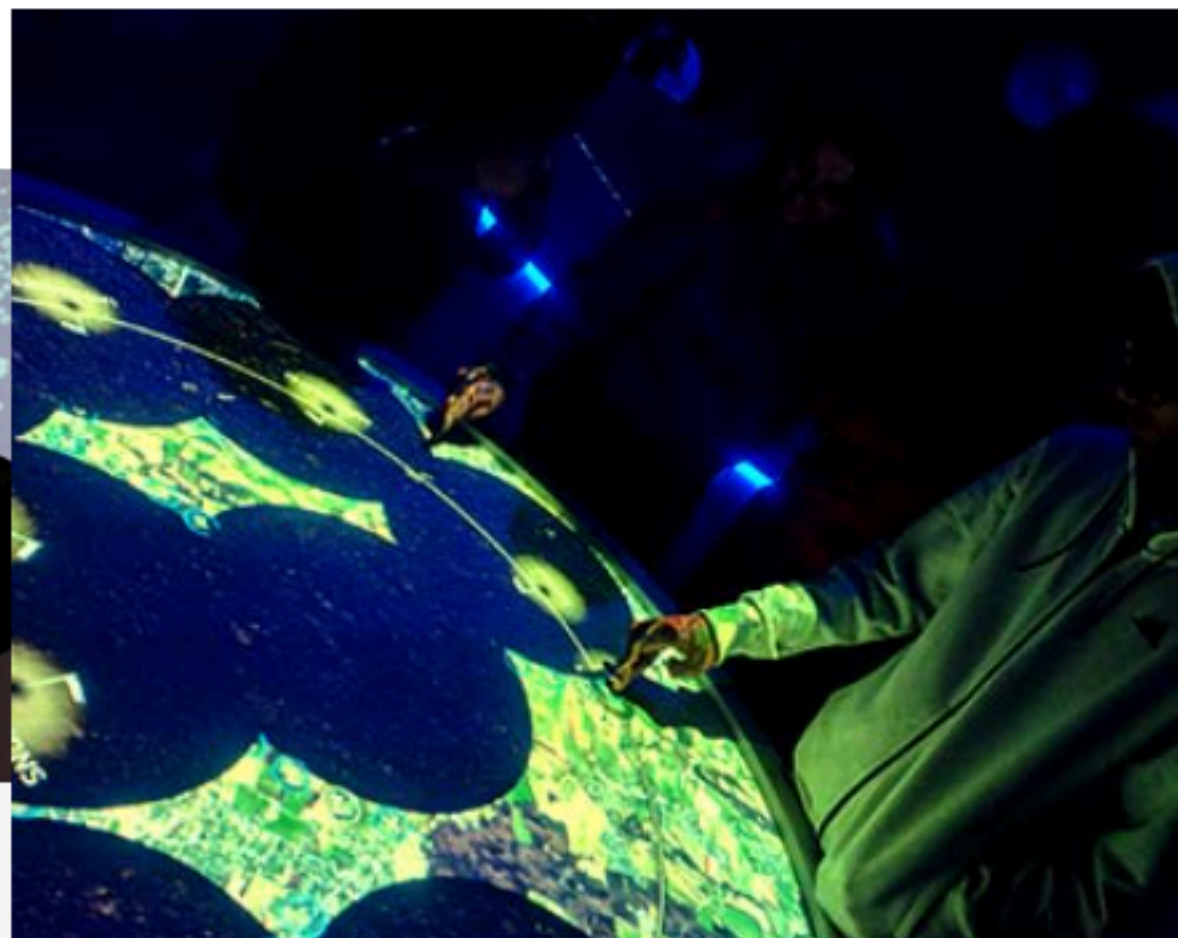
LEARNING BY DOING

By engaging students in hands-on activities that go beyond the confines of classrooms, textbooks and memorising answers, we encourage them to solve problems and think uniquely, creatively and critically.



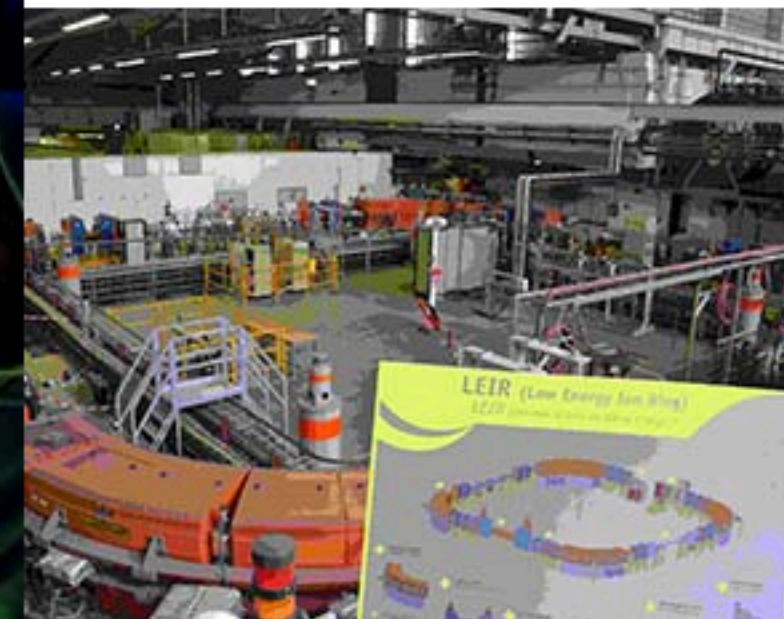
Global Experts

Interact with senior scientists and global experts from top-ranking universities and research institutes.



Hands-On Experiments

Build your own apparatus from scratch and perform hands-on experiments to see science in action.



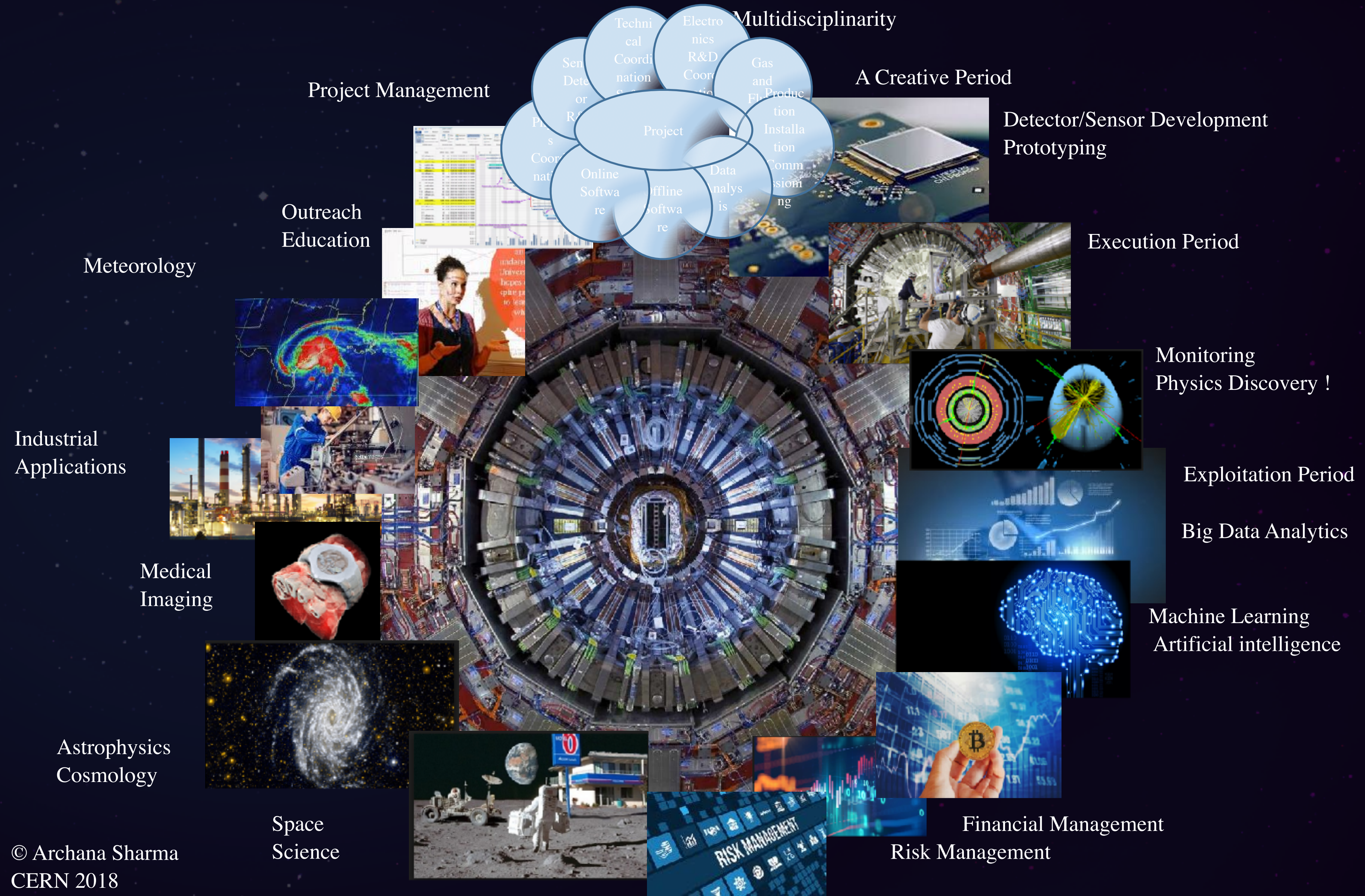
Live Experiments

Visit live experiment sites to explore the science, engineering and technology involved in fundamental research.

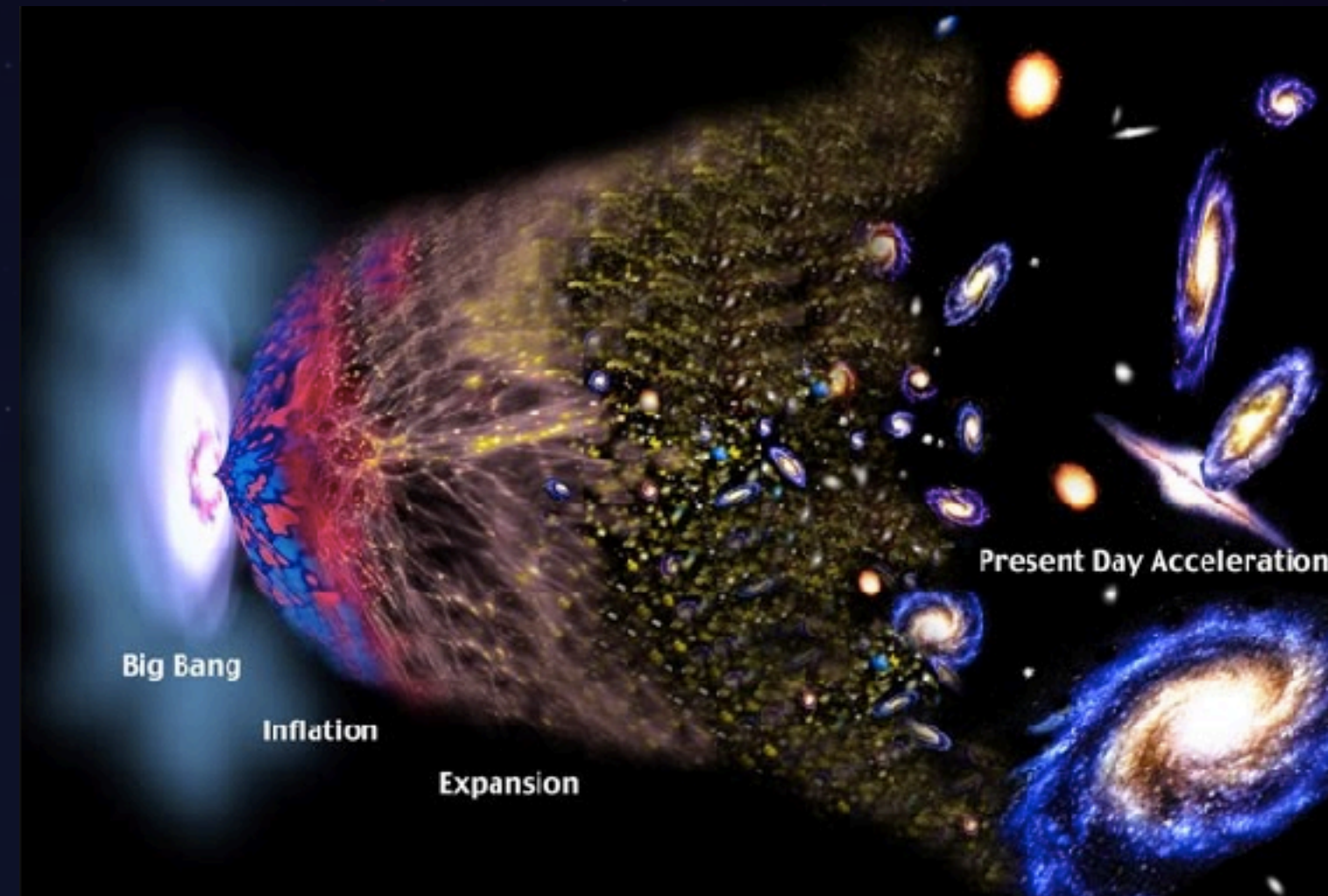
Using Proton beams For experiments At Apollo Chennai

Challenges and Opportunities to create a project

© Archana Sharma
CERN 2018



Curiosity about the Universe
 ... Answers IMPACT **MBILLIONS**
OF LIVES



 **SUSTAINABLE DEVELOPMENT GOALS**

<p>1 NO POVERTY</p> 	<p>2 ZERO HUNGER</p> 	<p>3 GOOD HEALTH AND WELL-BEING</p> 	<p>4 QUALITY EDUCATION</p> 	<p>5 GENDER EQUALITY</p> 	<p>6 CLEAN WATER AND SANITATION</p> 
<p>7 AFFORDABLE AND CLEAN ENERGY</p> 	<p>8 DECENT WORK AND ECONOMIC GROWTH</p> 	<p>9 INDUSTRY, INNOVATION AND INFRASTRUCTURE</p> 	<p>10 REDUCED INEQUALITIES</p> 	<p>11 SUSTAINABLE CITIES AND COMMUNITIES</p> 	<p>12 RESPONSIBLE CONSUMPTION AND PRODUCTION</p> 
<p>13 CLIMATE ACTION</p> 	<p>14 LIFE BELOW WATER</p> 	<p>15 LIFE ON LAND</p> 	<p>16 PEACE, JUSTICE AND STRONG INSTITUTIONS</p> 	<p>17 PARTNERSHIPS FOR THE GOALS</p> 	<p> SUSTAINABLE DEVELOPMENT GOALS</p>

Our Core Team

Our Core Leadership Team consists of leaders in the fields of Science, Technology, Design, and Innovation. Fueled by a fusion of purpose and passion, the team has successfully delivered several large-scale projects (both public and private), but they consider their greatest recognition to be the love and warmth they receive from their students.



Archana Sharma

Partner
Geneva, Switzerland



Vinita Sharat

Partner
Haryana, India



Mark Nelson

Partner
Delhi, India