



PHYSICS WITHOUT FRONTIERS

Bobby Acharya

Physics for all

Physics Without Frontiers

ICTP Physics Without Frontiers works to **inspire**, **train** and **motivate** physics and mathematics university students in the Global South, to **help build the next generation of scientists**. Each project is unique, developed with the country's specific needs in mind.



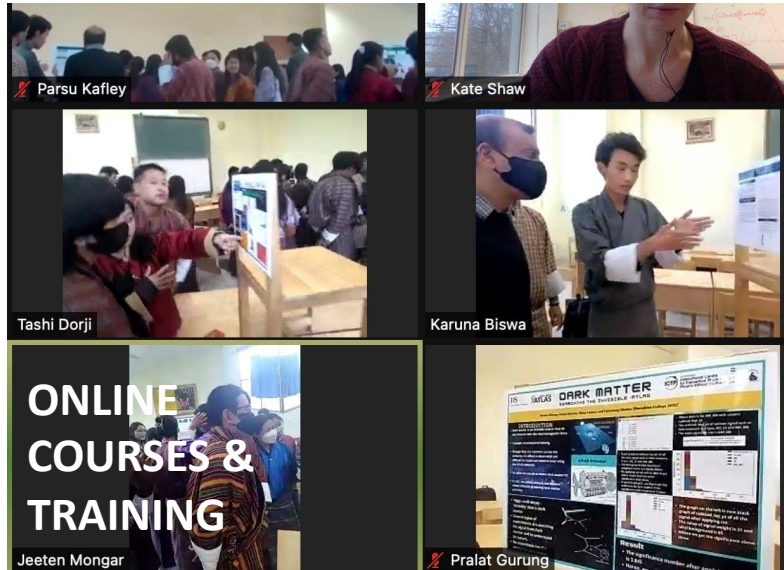
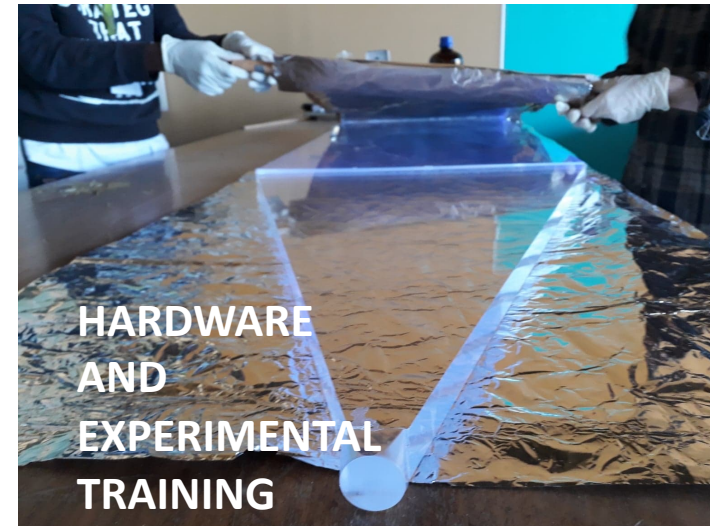
Physics Without Frontiers

Aims of the Project

- To expose and introduce **new ideas in physics** to undergraduate and master students, provide courses and **training in key analysis skills and other transferable skills**
- To identify **strong students**, provide **mentoring** and support for further study and career
- To **connect** students and lecturers with active scientists, and support them with **international opportunities** and collaboration
- To bring awareness to the **university and policy makers** about the importance of supporting physics departments and ultimately research

Physics Without Frontiers

Types of Activities



Physics Without Frontiers

Reaching under represented groups

Where we work:

We work to bring physics to each corner of the Globe

We focus on :

- **Economic** Frontiers: Low income & science & technology lagging countries
- **Social** Frontiers: Women and Girls
- **Geographical** Frontiers: Rural and remote areas
- **Sociopolitical** Frontiers: under represented ethnicities and conflict regions or political turmoil

We welcome suggestion of new frontiers – where else should we focus, which groups are being left behind?

Lesotho	Mongolia	Cuba
Afghanistan	Peru	Uruguay
Mexico	Palestine	Morocco
Zimbabwe	Syria	Ethiopia
Pakistan	Bolivia	Tunisia
Nigeria	Ghana	Bhutan
Cameroon	Iran	Kurdistan Region in Iraq
Nepal	Senegal	Tanzania
Argentina	Colombia	Malaysia
Vietnam	Sri Lanka	Jamaica
Lebanon	Philippines	Barbados
Senegal	Ecuador	Guatemala
Honduras	South Africa	Malawi
Libya	Sudan	Eswatini
Trinidad and Tobago	Venezuela	Namibia
Kenya	Chile	
	Rwanda	

Physics Without Frontiers

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ICTP Physics Without Frontiers

SAFEGUARDING OUR PLANET THROUGH SCIENCE

ZIMBABWE PWF ROADSHOW:

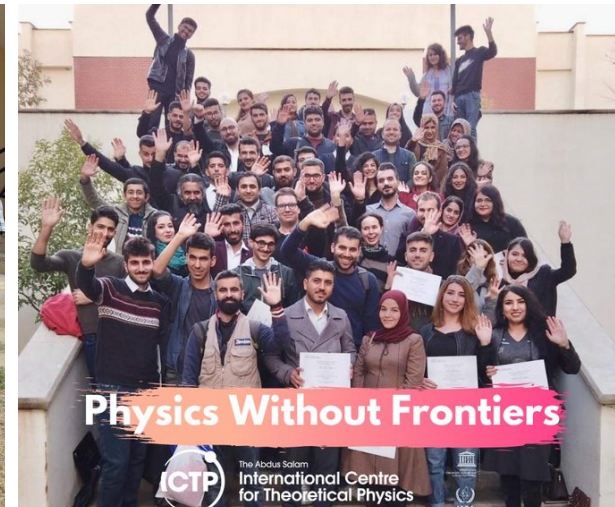
- October 30th 2018 University of Zimbabwe
- October 31st 2018 Great Zimbabwe University
- November 1st 2018 Midlands State University
- November 2nd 2018 National University of Science and Technology

don't miss it!

The speakers:

- Dr. Innocent Kudzosa – Finnish Meteorological Institute (FMI), Finland
- Mr. Brassnavy Manzanzu – University of Witwatersrand, South Africa
- Mrs. Ullia Mashawi – Meteorological Service Department, Zimbabwe
- Dr. Ilija Negeghetto – International Centre for Theoretical Physics (ICTP), Italy
- Dr. Taleena Sines – International Centre for Theoretical Physics (ICTP), Italy

ICTP The Abdus Salam International Centre for Theoretical Physics



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subject **SUBSCRIBE** to
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Join Physics Without Frontiers

If you are interested to be a volunteer or be a mentor for our students, contact us pwf@ictp.it

If you want to volunteer to organize a project, apply in our annual call February 2024

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