



Welcome to ICTP

**Celebrating 10 Years of Physics Without Frontiers!
Prof Atish Dabholkar**

22 November 2022



The Abdus Salam
International Centre
for Theoretical Physics

The International Centre for Theoretical Physics



- Founded 1964, Trieste, created during cold war in the heart of Europe – continent separated by the iron curtain
- Provided a line of communication between East and West, and cooperation between North and South
- Aiming to support scientists from developing countries overcome isolation and contribute to state-of-the-art research in physics and mathematics

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The screenshot shows the ICTP website homepage. At the top left is the ICTP logo and name. To its right is the IAEA logo. A world map graphic is in the background. A navigation bar contains 'Research', 'Scientific Calendar', and 'Programmes'. A 'DONATE' button is on the right. Below the navigation is a large image of the ICTP building with the text 'ICTP's COVID-19 response'. Underneath are three sections: 'EVENTS view all' with a list of activities, 'HIGHLIGHTS view all' with three featured articles, and a 'SUBSCRIBE to ICTP e-newsletter' button.

EVENTS [view all](#)

today
ACTIVITY 24 OCT 2022 - 9 DEC 2022
✦ C and Linux for Science & Engineering

ACTIVITY 14 NOV 2022 - 2 DEC 2022
✦ Joint ICTP-IAEA School on FPGA-based SoC and its Applications to Nuclear and Scientific Instrumentation

SEMINAR 20 NOV 2022 - 23 NOV 2022
✦ PWF IRAQ (Kurdistan region) - Nuclear Medicine: where the future brings us

HIGHLIGHTS [view all](#)

10 Nov 2022
Physics Without Frontiers Turns 10
Outreach programme to celebrate a decade of inspiring the pursuit of science

14 Nov 2022
Studying Learning
A new paper investigates dynamics of learning in artificial intelligence

ICTP for Women
Why are there still fewer women than men in science? Read how ICTP is addressing the challenge

[SUBSCRIBE to ICTP e-newsletter](#)

www.ictp.it

- Hub for high quality scientific research
- Provides conferences and workshops
 - <https://www.ictp.it/scientific-calendar.aspx>
- Diploma and Master programmes
- ~60 conferences each year
- ~5000 scientists from ~ 130 nations each year

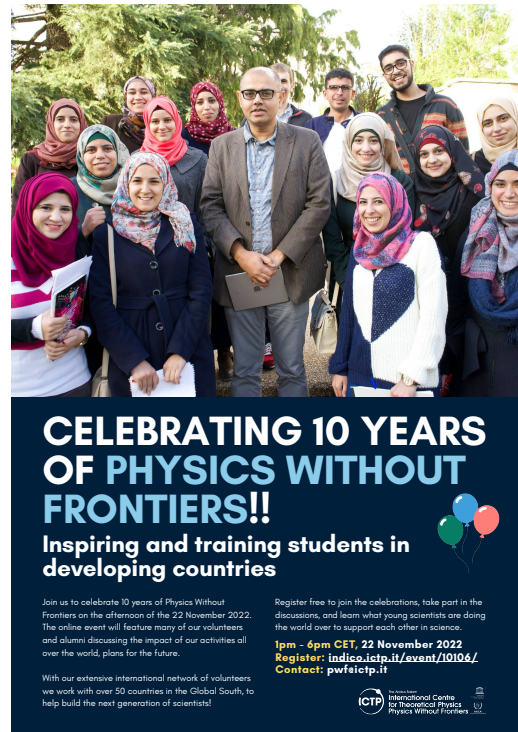
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- Diploma Program: Applications are now being accepted for the 2023-2024 academic year! Deadline is 28 February 2023
- The pre-PhD program graduate students has 5 programs available: Condensed Matter Physics, High Energy, Cosmology and Astroparticle Physics, Earth System Physics, Mathematics, and Quantitative Life Sciences.
- <https://diploma.ictp.it/>

Physics Without Frontiers

Physics Without Frontiers, ICTP's flagship outreach programme for university students, is celebrating its tenth anniversary this year.



10th Anniversary

Physics Without Frontiers

Volunteer network

100 PhD students, postdocs and professors in Physics and Mathematics





300+ activities & events held at

150 universities

50 countries in the Global South





Impacting over

10,000 students worldwide

300 students have gone on to MSc, PhD and Postdoc



physicswithoutfrontiers@ictp.it
 Facebook: @ictpPWF
 Twitter: @ictpPWF



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Three sessions of inspirational Talks!

ICTP Extras:

2pm Cut the Cake at ICTP
And view our poster
exhibition!

17:30 Reception at ICTP

Welcome and Keynotes		
Conveners: Kate Shaw (Ictp), Bobby Samir Acharya (Ictp)		
13:00	Welcome to ICTP PWF@10 5' Speaker: Prof. Atish Dabholkar (ICTP)	
13:05	Importance of Basic Sciences 10' Speaker: Dr. Amal Kasry (Chief of Section in Basic Science, Research Innovation and Engineering. Division of Science Policy and Basic Science, Natural Sciences Sector, UNESCO)	
13:15	10 Years of Physics Without Frontiers 5' Speaker: Prof. Bobby Acharya (ICTP)	
13:20	From Gaza to PhD: A story of Physics 10' Speaker: Mr. Mohammed Al-hissi (Universität Konstanz) Material:  Slides	
13:35	Physics Meetup in the Philippines 10' Speaker: Dr. Christine Adelle Rico-Yuson (Central Mindanao University) Material:  Slides	
13:50	Online Training in HEP & ML at the Royal University of Bhutan 10' Speaker: Mr. Parsu Ram Sharma (Royal University of Bhutan) Material:  Slides	
14:00	Coffee Break and Cake! 25'	
Session I		
Conveners: Kate Shaw (Ictp), Bobby Samir Acharya (Ictp)		
14:30	Particle Physics in Palestine 10' Speaker: Dr. Muhammad Alhroob (University of Oklahoma) Material:  Slides	
14:45	High Energy Physics across Latin America 10' Speaker: Dr. Reina Camacho (LPNHE-Paris CNRS/IN2P3)	
15:00	Programming, Machine Learning and Quantum Computing in Guatemala 10' Speaker: Dr. Alvaro Velliz (Queen Mary, University of London)	
15:15	Promoting Women in Physics in South Africa 10' Speaker: Dr. Sahal Yacoob (University of Cape Town)	
15:30	Quantum Physics in Lesotho 10' Speaker: Dr. Makhamsa Senekane (National University of Lesotho) Material:  Slides	
15:45	Coffee break and more Cake!!! 15'	
Session II		
Conveners: Bobby Samir Acharya (Ictp), Kate Shaw (Ictp)		
16:00	Building the Path toward a Physics Research Community in Afghanistan 10' Speaker: Mr. Baktash Amini (University of Freiburg)	
16:15	BioPhysics in Tanzania and Malawi 10' Speaker: Dr. Daniel Shadrack (SJUT, Tanzania) Material:  Slides	
16:30	Training in Advanced Statistics and Programming in Ghana 10' Speaker: Dr. Irene Opoku -Ntim (Ghana Atomic Energy Commission) Material:  Slides	
16:45	Fostering Physics in Nepal 10' Speaker: Ms. Abha Eli Material:  Slides	
17:00	Grasping at Straws: Cosmology, HEP and Medical Physics in the Kurdistan Region In Iraq 10' Speaker: Mr. Muhsin Aljaf (Garmian University) Material:  Slides	
17:15	Pursuing Physics and opportunities in Venezuela 10' Speaker: Dr. Arturo Sanchez (Creative Commons Venezuela) Material:  Slides	
17:30	Reception 30'	