



United Nations
Educational, Scientific and
Cultural Organization

ICTP - East African Institute
for Fundamental Research
under the auspices of UNESCO



The Abdus Salam
International Centre
for Theoretical Physics

The Dark Side of the Universe

DSU2020 16th edition

13-17 July 2020





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The Dark Side of the Universe

“A series of international workshops bringing together theorists and experimentalists to discuss models of the Dark Side and relate them to current and future experiments. Topics include: DM, DE, GW, cosmic rays, ν physics, astrophysics of galaxies, physics BSM”

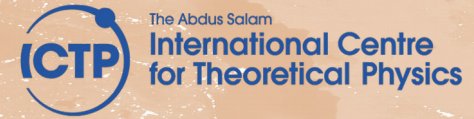
Previous editions:

- Buenos Aires (Argentina), 15-19 July 2019
- Annecy (France), 25-29 June 2018
- Daejeon (South Korea), 10 -14 July 2017
- Bergen (Norway), 25 - 29 July 2016
- Kyoto (Japan), 14-18 December 2015
- Cape Town (South Africa), 17-21 November 2014
- Trieste (Italy), 14-17 October 2013
- Búzios (Brazil), 10-15 June 2012
- Beijing (China), 26-30 September 2011
- León (Mexico), 1-6 June 2010
- Melbourne (Australia), 1-5 June 2009
- Cairo (Egypt), 1-5 June 2008
- Minneapolis (USA), 5-10 June 2007
- Madrid (Spain), 20-24 June 2006
- Seoul (South Korea), 24-26 May 2005



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DSU2020

ICTP-EAIIFR is proud to host the 16th edition of DSU



- Venue: the East African Institute for Fundamental Research (EAIIFR), an ICTP partner institute, in Kigali, Rwanda
- Co-organized by ICTP and EAIIFR, on July 13-17





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The Organizing Committee

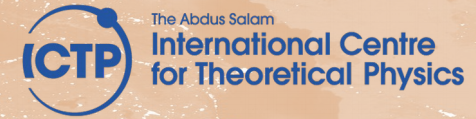
- Paolo Creminelli (ICTP, Trieste)
- Joern Kersten (Bergen U)
- Roy Maartens (UWC, South Africa & Portsmouth)
- Shoaib Munir (ICTP-EAIFR)
- Marcello Musso (ICTP-EAIFR)
- Riccardo Sturani (IIP, Brazil)
- Filippo Vernizzi (IPhT, Saclay)
- Gabrijela Zaharijas (Nova Gorica U)





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The International Centre for Theoretical Physics (ICTP)

- A category 1 UNESCO institute in Trieste, Italy
- Mission: Advancement of science in developing countries
- Funding: Italian government (~90%) and UNESCO (~10%)





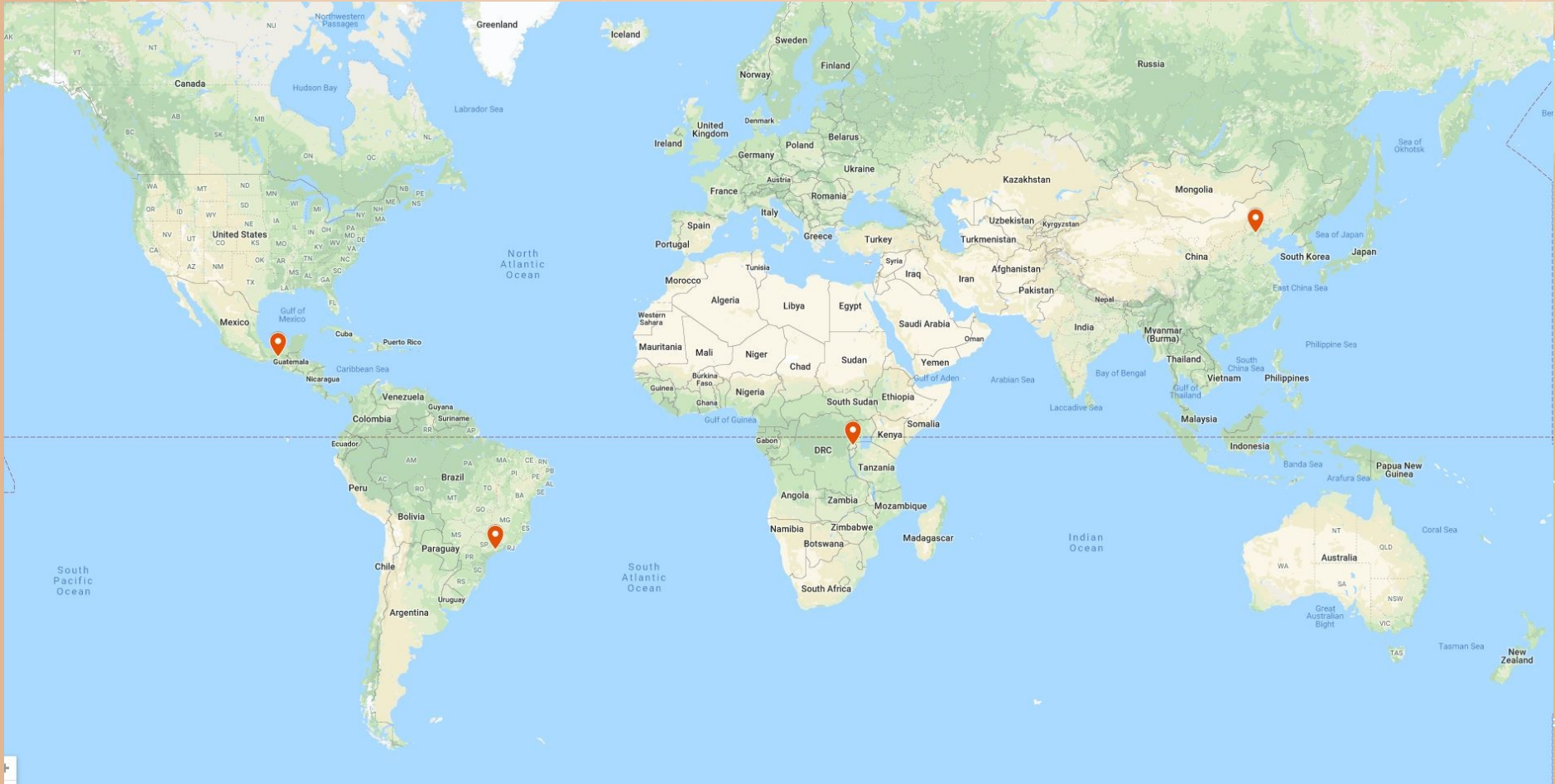
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ICTP partner institutes



SAIFR (Brazil), MCTP (Mexico), EAI FR (Rwanda), AP (China)



Republic of Rwanda



Ministry of Education





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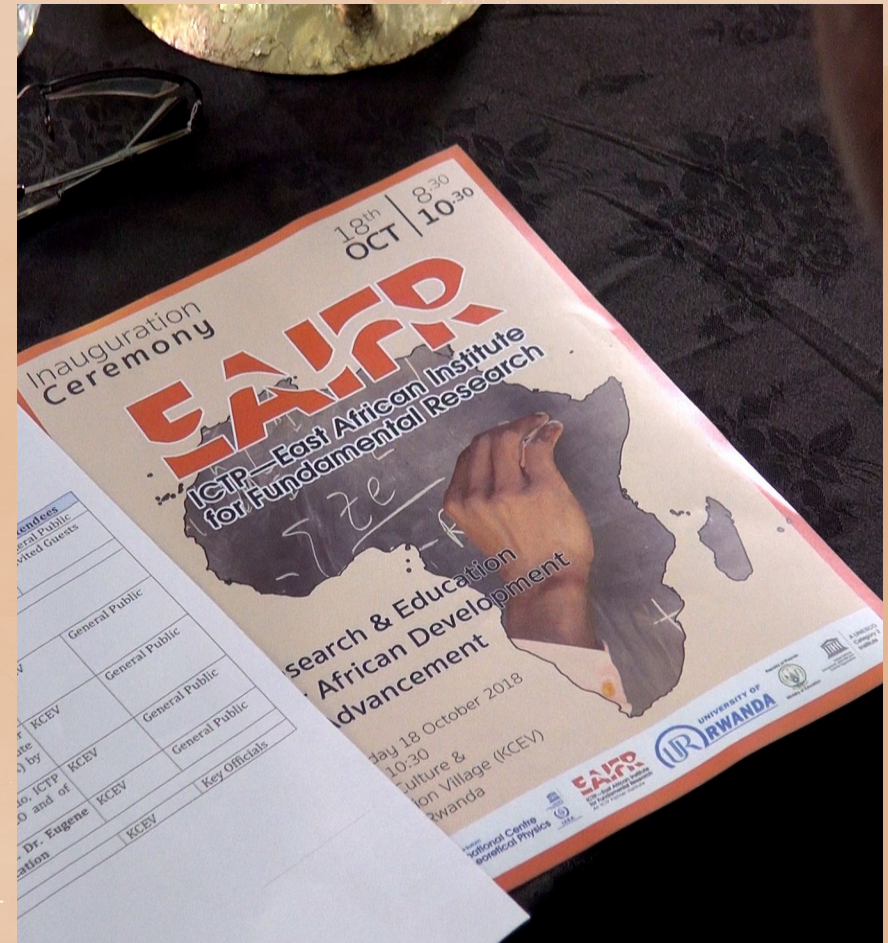
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ICTP-EAIFR

- Inaugurated October 2018
- Category 2 UNESCO institute
- Three research lines: High energy physics and cosmology, Condensed matter, Geophysics
- Funded by the Government of Rwanda





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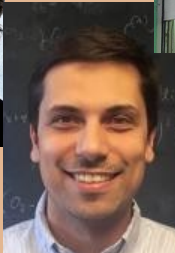
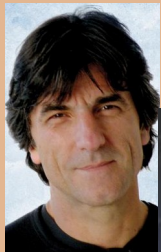
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ICTP-EAIFR

- Aims to be the hub of scientific knowledge for Africa
- Already hosting cosmo/astro activities. Any suggestions?
- Some recent visitors:





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About Kigali



- The fast growing capital of Rwanda. Population: 1.300.000
- Safe, modern, clean, hospitable and laid back...
- ... where people can stroll in the busy city center or across the many green areas, or lounge in rooftop bars with spectacular views



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About Rwanda

Known as the country of a thousand hills

- Admire spectacular views of lake Kivu
- Visit the Akagera National Park
- Trek on the Bisoke and Karisimbi volcanoes
- Get a glimpse of the mountain gorillas on the Virunga mountains
- Learn about Rwanda's fall and recovery at the Genocide memorial





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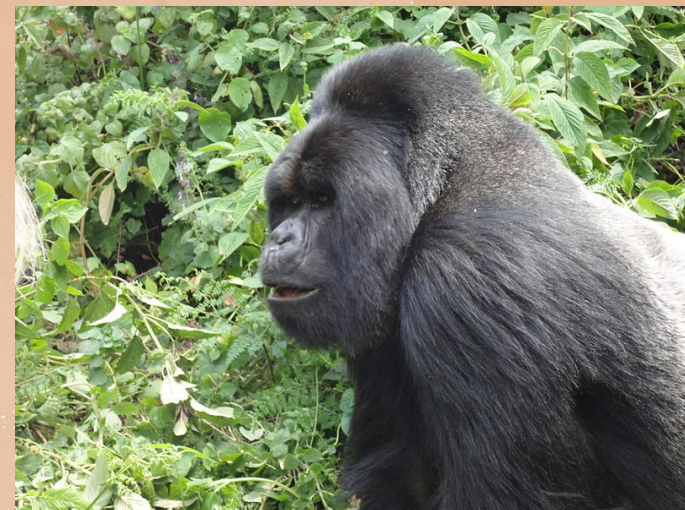
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Some useful information

- Average temperature: 27-30 °C (day) and 17-20 °C (night) all year round
- Altitude: 1600 m (Kigali) – 4500 m (mt Karisimbi)
- July is dry season (but weather changes here too! Bring a raincoat)
- No visa application (entry visa to be bought on arrival for USD 30)
- No vaccinations required (small risk of malaria, use an insect repellent)





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See You in Kigali!

