

# Amazonian High Studies School in Theoretical Physics

August 5th - 9th 2019

Federal University Of Pará, Brazil

Part II

The School of High Studies Program, by CAPES, aims to support Brazilian Graduate Programs and promote short-term visits to Higher Education Institutions and Brazilian Public Research Institutes or Centers, by professors and researchers from recognized international prestige, working abroad, in all areas of knowledge.

The Amazonian High Studies School in Theoretical Physics is an introductory to mid-level School, held in the Belém Campus of the Federal University of Pará, by the Graduate Program in Physics at the Pará University. In the gateway to Amazonia, the Belém Campus is located on the shore of the river Guamá, one of the rivers which form the Guajará bay.

The Amazonian High Studies School in Theoretical Physics is targeted for young researchers and graduate students in Physics, as well as for last-year undergraduate students, wishing to quickly learn advanced topics in Condensed Matter Physics and Gravitation, from some of the world's experts.

## Schedule

	Mon (05/08)	Tue (06/08)	Wed (07/08)	Thu (08/08)	Fri (09/08)
08:30-09:00		C-TF	C-CH	C-CH	C-CH
09:00-09:30		C-TF	C-CH	C-CH	C-CH
09:30-10:00		C-TF	C-CH	C-CH	C-CH
10:00-10:30					
10:30-11:00		C-US	C-US	C-US	C-US
11:00-11:30		C-US	C-US	C-US	C-US
11:30-12:00		C-US	C-US	C-US	C-US
12:00-12:30					CLOSING
12:30-16:00					
16:00-16:30	OPENING				
16:30-17:00	C-TF	C-CH	C-TF	C-TF	
17:00-17:30	C-TF	C-CH	C-TF	C-TF	
17:30-18:00	C-TF	C-CH	C-TF	C-TF	

## Courses

**Course (C-TF):** "Numerical-relativity modelling of astrophysical sources of gravitational waves" - José Antonio Font Roda (Universitat de València, Spain)

**Course (C-CH):** "Black holes and exotic compact objects: Aspects of gravitational lensing and shadows" - Carlos Alberto Ruivo Herdeiro (Universidade de Lisboa, Portugal)

**Course (C-US):** "Exploring black hole physics with numerical relativity" - Ulrich Sperhake (University of Cambridge, United Kingdom)

## Organizing Committee

Ângela Burlamaqui Klautau - Universidade Federal do Pará, Brazil  
Luís Carlos Bassalo Crispino - Universidade Federal do Pará, Brazil

## Opening Session

Atsushi Higuchi - University of York, United Kingdom  
Carlos Alberto Ruivo Herdeiro - Universidade de Lisboa, Portugal  
Emmanuel Zagury Tourinho - Universidade Federal do Pará, Brazil  
Luís Carlos Bassalo Crispino - Universidade Federal do Pará, Brazil

Realization



Sponsors

