

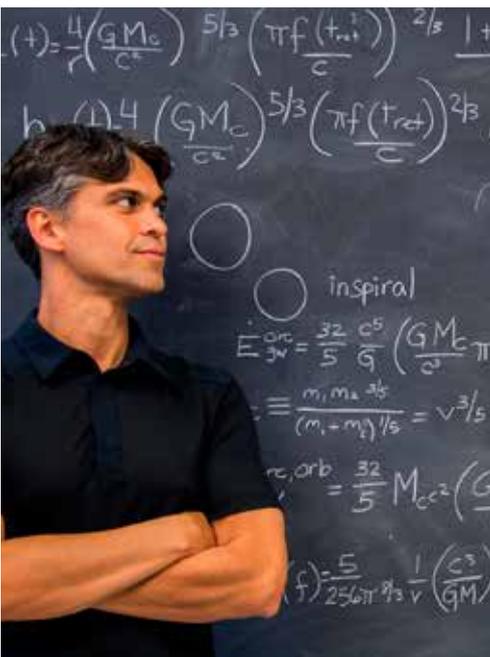


Enrico Ramirez-Ruiz

Location:	University of Copenhagen
Host professor:	Jens Hjorth
Total grant:	30 million DKK

How will Ramirez-Ruiz enrich Danish research?

Jens Hjorth: Successfully recruiting top graduate students and postdoctoral researchers, providing a stimulating environment and unique opportunities to collaborate internationally, and supporting early careers through mentoring — these are proven talents that Ramirez-Ruiz will bring to Denmark where he will continue his work on the source of gravitational waves, the discovery of which represents one of the most exciting developments in recent years.



What makes the Niels Bohr Institute at University of Copenhagen attractive to you?

Ramirez-Ruiz: As a Niels Bohr Professor, I will greatly benefit from the international research success of the Dark Cosmology Centre at NBI. DARK's well-known research, in particular in observations of astronomical transients, sets the stage for an exciting partnership building a groundbreaking theoretical effort.

How are you going to increase the internationalization of Transient Astrophysics research at University of Copenhagen in the five-year grant period?

Ramirez-Ruiz: Wide-field and all-sky monitoring has already led to a wealth of discoveries and three Nobel prizes in physics. This represents a tremendous opportunity for NBI to take the lead in this rapidly advancing and exciting area of science. We intend to accomplish these goals by creating an environment where young people can shine and where new ideas can be incubated.

What will the long-term effects on Danish research be with this grant?

Ramirez-Ruiz: The model we intend to implement will strengthen and grow the intellectual base within Denmark for time domain astrophysics, a rapidly growing field that has a tremendous future. At the completion of our effort we will have set the stage for the next generation of astronomical surveys. And if past experience is any guide, these surveys will also undoubtedly come up with many groundbreaking discoveries to look forward to.