



NORDITA MASTER CLASS IN PHYSICS

12—18 August 2017
Hillerød, Denmark

NORDITA

Nordita, the Nordic Institute for Theoretical Physics, has a long tradition of organizing master classes, one-week summer schools in physics for undergraduate students from the Nordic and Baltic countries.

The master classes aim at introducing frontier areas of physics research by world top scientists at a level understandable for undergraduate students, and also to stimulate further studies. It gives a unique possibility for students to meet outstanding scientists both in class and in an informal atmosphere.

The course is organized as series of lectures on selected topics. The lectures will be accompanied by exercises in groups and discussion sessions.

The Nordita Master Class for 2017 will be organized in Hillerød, a picturesque town north of Copenhagen, Denmark. Around 35 students are expected to take part in the school.



This year's Nordita Master Class covers the following topics:

- **Superscillations and weak measurements** – Michael Berry (Bristol)
- **Galactic Magnetic Fields** – Kandaswamy Subramanian (IUCAA, Pune)
- **Gravitational Waves** – Fawad Hassan (Stockholm University)
- **Introduction to AdS/CFT** – Blaise Goutéraux (Nordita)
- **Applications of Renormalization Group to Condensed Matter Problems** – Ramamurti Shankar (Yale)



Can I apply to the Nordita Master Class?

Yes, if you are a master's student or an undergraduate student, you study in the Nordic or Baltic region, and you have a background of three or more years of university studies in physics/mathematics, or corresponding studies at a technical university. This master class is not open to Ph.D students. We particularly encourage female students to apply.

How much does it cost?

Taking part in the Nordita Master Class is free of charge! This includes traveling to and from Hillerød (cheapest tickets), housing and food in Hillerød.

How do I apply?

The deadline for applications is

1 June 2017

Your application must be submitted on the online form on the home page of the master class.

What if I have more questions?

You find contact addresses to the master class organizers, as well as the requirements for the application, travel information, lecturers, time schedule for the lectures, and more, on the home page of the master class:

www.nordita.org/masterclass2017