



NORDITA MASTER CLASS IN PHYSICS

10—15 August 2019
Nordita, Stockholm, Sweden

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 2019 will be organized at Nordita in Stockholm, Sweden. Around 35 students are expected to take part in the school.



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

- **Gravity** – Marek Abramowicz (University of Gothenburg)
- **Complex Systems** – Tomas Bohr (DTU)
- **High-Energy Physics** – Emil Bjerrum-Bohr (Niels Bohr Institute)
- **Condensed Matter Physics** – Vladimir Juričić (Nordita)
- **Astrophysics** – Cole Miller (University of Maryland)



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 Stockholm (cheapest tickets), housing in Stockholm.

How do I apply?

The deadline for applications is

1 July 2019

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/masterclass2019

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