**Authorization form — 2014 IceCube MasterClass program**

The IceCube Neutrino Observatory is a cubic-kilometer detector located at the South Pole and run by an international collaboration of about 275 researchers from 41 institutions in 12 countries (for more information, see icecube.wisc.edu.)

An IceCube masterclass is a one-day event where high school students learn about astrophysics through lectures and hands-on analysis of data from the IceCube Neutrino Observatory. Students will also have lunch with IceCube researchers and will discuss their results in a virtual meeting with **other students** from across the US or from other countries in Europe.

The activity has beendesigned for students who are in their last year of high school, and those with a special interest in physics will likely get the most out of it. In any case, as this is a guided activity, students within the two last years before college—who have completed or are enrolled in physics subjects—should be able to learn from and enjoy the program.

In this first edition, the IceCube MasterClass will be held on May 21, 2014, in four different locations in Europe and the US.

More information about the IceCube masterclasses can be found at icecube.wisc.edu/masterclass.

Please write to masterclass@icecube.wisc.edu with any questions you may have.

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**Parental authorization**

I understand that my child \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ will be

participating in the 2014 IceCube MasterClass at the Wisconsin IceCube Particle Astrophysics Center (WIPAC), to be held on May 21 from 9:00 to 17:00 in Madison, WI.

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Teacher consent**

I have been informed by WIPAC of the content of the 2014 IceCube MasterClass, which I consider to be of interest to the student. His/her participation in this educational activity will be considered an extracurricular activity absence.

\_\_ I will also be attending the IceCube MasterClass 2014 at WIPAC

\_\_ I will not be attending the IceCube MasterClass 2014 at WIPAC

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**Comments**

Please include below any important information we should know about the student, such as food allergies or intolerances.