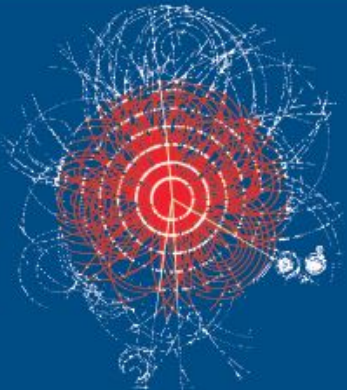


Introduction

Emanuel Gull, Steven Goldfarb

Jennifer Roloff, Junjie Zhu

August 7, 2014



SUMMER UNDERGRADUATE RESEARCH EXPERIENCE

at CERN in Geneva, Switzerland

Students selected for the program will spend June and July working with active research groups at CERN, one of the world's premier international laboratories. CERN is the home of the web and the site of the Large Hadron Collider.

- Participate in the renowned CERN Summer Student Lecture Program
- Join active researchers at CERN
- Get support from an on-site coordinator from the University of Michigan
- Receive a stipend and travel reimbursement

For more information or to apply, visit our web site:
<http://www.um-cern-reu.org>

Eligibility: Students must be registered at an accredited 4-year institution, be in their junior or senior year with a concentration in physics, engineering or computer science. The program is open to U.S. citizens and permanent residents. The program will be administered by the University of Michigan Department of Physics with support from the National Science Foundation.

CERN photo: Simulation by the ATLAS experiment of the decay of a Higgs boson into 4 muons

 UNIVERSITY OF MICHIGAN

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- **REU program (NSF-support):**
 - 97 students enrolled in the 13 years of program
 - Initiated and run by Prof Homer Neal and Prof Jean Krisch from 2001 to 2013 with the help of an on-site coordinator (Jeremy Herr, Steven Goldfarb)
 - Continued by Prof Emanuel Gull and Prof Junjie Zhu after 2013 together with Steven Goldfarb and Jennifer Roloff
- **HST program (NSF-support):** running at CERN for three-weeks, 45 US physics teachers enrolled in the period of 2006-2014
- **Study-abroad program (Lounsbery Foundation-support):** running at CERN for one or two semesters, ~10 students enrolled since 2013, committed to 3 more years (if you are interested in this program please apply: <http://um-cern-semester-abroad.org/>)

Introduction



- UM-CERN REU website: <https://www.um-cern-reu.org>
- Please help us advertise these programs to your friends and fellow students. We need to have excellent students like you!



- Need to send us the evaluation form and also the two essays that describe cultural and research experience before your departure.
- Remember to return the things you borrowed (lab keys, computers, cell phones, computers and other equipment).
- Pay your hostel fee before departure.
- NSF wants us to send some pictures of students at work. If you have any high-quality pictures, please send them to us!
- Please give us permission to post some of your pictures and your names on our REU website.
- If you have told your university or local news organization about your REU experience, please let us know. We would also like to link such news on our website.
- Also like to have your comments on the information that we can provide on our REU website.
- Let us know if you need recommendation letters for your graduate school application.
- We also encourage you to apply to UM graduate school: <https://www.um-cern-reu.org>
- Have a nice journey back to US!

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Research semester at
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Schedule

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the News

Questions, Suggestions, Comments?



- Please let us know, now or at any point after the program has finished!
- Emanuel Gull: egull@umich.edu
- Junjie Zhu: junjie@umich.edu