

# Yale Department of Physics

Yale Physics Newsletter

May 4, 2018

## News

Congratulations to **Andrew Gasbarro** on his successful defense of his thesis topic “Studies of Conformal Behavior in Strongly Interacting Quantum Field Theories”! His thesis advisor was George Fleming.

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Congratulations to **Siddharth Prabhu** on his successful defense of his thesis topic “Gluon and Graviton Radiation from the Classical Double Copy”! His thesis advisor was Walter Goldberger.

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**Sean Barrett (Professor of Physics) – Research in the news.** Sean’s work on time crystals makes the [Yale News!](#)

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**Yale Distilled**, the new magazine in town!

Labor automation, climate change, genetic engineering, artificial intelligence — scientific controversy underlies many of the day’s most hotly debated issues. Science, a domain that we might naively expect to provide objective knowledge and definitive answers, has always been and will remain forever contested. What is the non-expert — most of us — to do? For most issues, interpreting research findings or parsing the academic debate is infeasible.

**DISTILLED:** *From Disputes To Discussions*, a new publication run by graduate students at Yale University, offers a solution to this problem. **DISTILLED** provides a forum for well informed authors, in both the sciences and the humanities, to weigh in on scientific debates of increasing societal relevance, guided by the philosophy that seemingly disparate modes of inquiry have a tremendous amount to say to each other. **DISTILLED** is not a scientific journal or a popular science magazine. Instead, it combines the best elements of both: rigorous evidence-based argumentation and palatable science.

Keep an eye out for limited print copies around Yale’s campus or join the conversation at [www.yaledistilled.com](http://www.yaledistilled.com)

For more news please see <http://physics.yale.edu/news>

## Save the Date

Commencement is May 21, 2018. Summer Sessions for 2018 run as follows: Session A – May 28-June 29 and Session B – July 2-August 3.

## Seminars

**Monday, May 7** Department of Molecular Biophysics & Biochemistry Seminar. Virginia Zakian, Princeton University, “Keeping Telomeres in Check: Novel Methods of Telomerase Regulation”, Bass 305 at 4:00pm.

**Tuesday, May 8** Wright Lab Event WIDG Seminar. Kayleigh Bohemier, Yale University, “Research Data Management — Best Practices and Tools”, WLC 245 at 12:00pm.

**Wednesday, May 9** Department of Applied Physics Solid State & Optics Seminar. Dr. Wei Cai, Southern Methodist University, “Stochastic Optimization Methods for the Design of Random Meta-materials”, Becton Seminar Room at 1:00pm. Host: Prof. Hui Cao.

**Wednesday, May 9** Department of Molecular, Cellular and Developmental Biology Seminar. Ileana M. Cristea, Princeton University, “Dynamic proteome organization and host defense during herpesvirus infection”, SCL 160 at 4:00pm. Host: Stavroula Hatzios. Tea at 3:45pm.

**Thursday, May 10** Condensed Matter Seminar. Zhoushen Huang, Los Alamos National Laboratory, “Title TBA”, SPL 52 at 1:00pm.

**Thursday, May 10** Wright Lab Event NPA Seminar. Rick Casten, Yale / MSU-FRIB, “A new approach to s- and r-process nucleosynthesis”, WL 216 at 12:00pm. Lunch in WLC 245 at 12:00. [RSVP required.](#)

For more seminars see: <http://physics.yale.edu/calendar>

## Announcements

For further information on any of the items included here or if you would like to contribute to the next newsletter, send email to [Daphne Klemme](mailto:Daphne.Klemme).

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Please [click here](#) for updates on the Yale Science Building, including a new logistics plan. The project encompasses the construction of a new state of the art sciences laboratory at the approximate location of the demolished J.W. Gibbs building, a comprehensive renovation of the KBT Plaza, a lecture hall, and a common area at the south end of KBT Plaza.