

WASHU ENGINEERING

Electrical & Systems Engineering



October 2018 Newsletter

Seminars

October 5-[Dr. Matthew Lew](#), “Visualizing the Activities of Molecular Machines”, 8:40 AM Green Hall Room 0120

October 9- [Weijian Chen](#), “Non-Hermitian Whispering-Gallery Mode Optical Microresonators and Applications”, 10:00 AM Green Hall Room 0120

October 12- Kevin Bennett, 8:40 AM Green Hall Room 0120

October 19- Dr. Ayan Chakrabarti, 8:40 AM Green Hall Room 0120

October 26- Dr. Quing Zhu, 8:40 AM Green Hall Room 0120

October 29- Shuangyue Zhang, “Basis Vector Model Method for Proton Stopping Power Estimation Using Dual-Energy Computed Tomography”, 2:00 PM Green Hall Room 0120

October 30- Xiangyi Xu, “Embedded Sensing System for Whispering-Gallery Mode Optical Resonators”, 2:00 PM Green Hall Room 0120

Opportunities

DMC Incorporated

[DMC](#) will be on campus next week to conduct interviews for graduating Engineers to join their team. They are hiring full-time engineers for our Chicago, New York, Boston, Denver, Seattle, St. Louis and Houston offices and are looking for majors in Electrical, Mechanical, Computer Engineering and Computer Science. To apply, click on [Career Link](#).

The MIT Lincoln Laboratory

MIT Lincoln Laboratory will be back on campus during the Fall semester looking to hire interns for their Summer Research Program. Eligibility requirements, program details, and the application process can be found at <https://www.ll.mit.edu/careers/student-opportunities/summer-research-program>. Students interested in being considered for full time, summer internship, or co-op opportunities must submit their resumes to www.ll.mit.edu/careers.

The 2019 Hertz Foundation Fellowship

Applications for the 2019 Hertz Foundation Fellowship are now being accepted. College seniors wishing to pursue their PhD in any of the fields of particular interest to the Foundation, as well as graduate

students already in the process of doing so, may apply. Click [here](#) to submit your application by October 24, 2018.

National Defense Science and Engineering Graduate Fellowship

Applications for the National Defense Science and Engineering Graduate Fellowship are now being accepted through December 7, 2018. Fellowships last for a period of up to four years (based on continued funding), and covers full tuition and mandatory fees. For additional information and application, please visit <http://www.ndsegfellowships.org/>.

Announcements

Nature Conference

The Electrical & Systems Engineering department is proud to announce Dr. Lan Yang will be participating in the [2018 Nature Conference](#): "Topological Photonics – From Concepts to Devices." The conference is to be held November 11-13 in the Knight Center.

Mentoring Program for New Graduate Students

Mentor Collective will soon reach out to new Master students, regarding a new mentoring program. Students will be matched with a third year or alumni Engineering student. Discussion topics can include: career, work-school-life balance, academic success, and personal growth. Click [here](#) to find more information on Mentor Collective.

Master Student Question & Answer Happy Hour

The Spring 2019 schedule will be made available for review online starting on October 1. As you start thinking about which courses you plan to take, you may also start thinking about other things such as:

- "Can I attend part-time?"
- "How do I add a second major?"
- "How do I check that my courses are counting toward completing my degree?"
- "How can I add the thesis option for my degree?"
- "How can I run a graduation check?"
- And countless other questions you may have.

ESE will hold a question & answer session October 5th from 4-5pm in the Collaboration room in Green Hall to answer these and other questions you may have related to your plan of study in Electrical and Systems Engineering. Representatives from OISS, Graduate Services, and ESE will be available to answer your questions. Refreshments will be provided.

Career Services

Career Services will be hosting sessions in October to assist Graduate students with their job search. The first session, "Identify Your Transferable Skills", will be October 11th starting at 3:30 PM in Room 234 in the DUC. The second session, "LinkedIn for Job (Re)Search will take place October 25th starting at 3:30 PM in Room 234 in the DUC.

Reminders

Upcoming Dates to Remember

October 1- **Last day** to file an Intent to Graduate form for December 2018

October 1- Spring classes available online

October 5- Master Student Q&A Happy Hour, 4 PM Collaboration Room, Green Hall

October 12-**Last day** to change the grade option on a course from “credit” to “pass/fail” or “audit”

October 15-16-Fall Break

October 22- Midterm grades due

October 25-31 Advising period for registration begins for SP19

October 25- Bob Becnel, “The Benefits of Obtaining Your Professional Engineering License” 4:00 PM, Collaboration Room, Green Hall

The Preston M. Green Department Of
[Electrical & Systems Engineering](#)