ECE Ph.D. Student Annual Report: 2017
for the period 16 Aug 2016 - 15 Aug 2017

Email completed form to ECE Graduate Program Officer <hungjoh@auburn.edu>, before September 30, 2017.

If you have created a personal ePortfolio that describes you and your doctoral studies, then skip to “ePortfolio Report.”

1. Personal Information

   Name: Eye M. Brilliant

   Matriculation Semester (when you started the Ph.D.): Fall 2015

   Financial Support (GTA, GRA, Fellowship, none): GRA, Woltosz Fellowship

   Major Professor: Prof. Gauss

2. Coursework and Examination

   a. Coursework (list courses completed)
      AERO 6400
      ELEC 7190, 7250, 7500, 7520, 7740, 7900 (2 credits), 8560
      INSY 6700
      MATH 7100
      MECH 6450
      plus 24 credits transferred from Master’s degree

   b. Examinations passed (list dates of major exams such as Ph.D. qualifying exam or Ph.D. general exam)
      Qualifying exam (Spring 2016), General exam (July 2017)

3. Research

   a. A brief description of your research (objectives)
      Analysis and design of an augmented GPS navigation system to mitigate ground-based jamming.

   b. A brief summary of your research progress for this period.
      A technique to augment the GPS navigation solution with magnetometer and inertial measurement information was simulated. Preparations to conduct experiments were started in early August.

   c. List of publications. List in IEEE format (if not published or presented, indicate if accepted or submitted).

        i. Refereed journal publications

        ii. Conference proceeding papers
iii. Presentations

4. Other (optional)

5. Comments from your Major Professor
E.M. will likely complete her degree requirements fall 2018. She is encouraged to consider teaching an undergraduate electromagnetic course during summer 2018, and continue her publication activities.
ePortfolio Report

All graduate students are encouraged to develop and maintain personal ePortfolios that describe themselves and their academic and professional activities.

Guidelines for ePortfolios can be found at http://www.eng.auburn.edu/ece/academics/ece-assessment.html under the section titled “Graduate Program Assessment and Forms.”

Doctoral students who maintain ePortfolios may choose to complete and submit this page instead of the usual ECE Ph.D. Student Annual Report (page 1).

1. Name: Eye M. Brilliant
2. Matriculation semester (when you started the Ph.D): Fall 2015
3. URL address of ePortfolio: http://address-of-my-webpage.com
4. Name of major professor (skip if there is no advisor identified): Prof. Gauss
5. Comments from your major professor: Best student I have ever had the pleasure the advise. Making great progress.