New Graduate Student Orientation

Presented to:
Incoming Graduate Students
by
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Overview

• About Me
• About NEGO
• About Graduate School
• Some Advice
• Conclusions
Introduction
Introduction

• Education
  o BS Nuclear Engineering, 2018
  o PhD Nuclear Engineering, Expected 2022

• Research
  o Work with Dr. Seungjin Kim
  o Inclined effects on Two-Phase Flow
  o Flow regime identification
  o Two-Phase flow instrumentation

• Contact:
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Nuclear Engineering Graduate Organization (NEGO)
• Nuclear Engineering Graduate Organization
  • A group dedicated to enhancing the experience of graduate students in the Nuclear Engineering Department
• Events to enrich your experience
  • Social
  • Skill-learning
  • Study sessions
• Social Events
  • Previous events include
    • Dinner for new graduate students
    • Cultural events
    • Game nights
  • COVID-19 may change some event plans for the upcoming school year
• Professional Events

• Previous events include
  • Skill learning, such as LaTex
  • Study Sessions
  • Review Sessions for the Qualifying Exam

• COVID-19 may change some event plans for the upcoming school year
• A Note on In-Person Events
  • Due to COVID-19, adjustments need to be made to the normal event structure
  • We are exploring options for events that can be held responsibly
  • Events like the qualifying exam study session will most likely continue, given the continuation of classes
• NEG0 Membership

• By being a member of the Graduate School in Nuclear Engineering, you are eligible to be a member!

• We are a Low-Commitment Organization

• You are under no obligation to come to any events we sponsor
General Advice
Advice

• If you still need an advisor:
  • List of faculty here:
    • https://engineering.purdue.edu/NE/people/faculty
  • Research interests will help narrow the options
  • Talk to students working with faculty of interest
  • Remember: You will be working with your advisor for the next 2 to 6 years!
    • This is a long-term commitment!
    • A positive relationship is instrumental to success
• Academics
  • Wide array of backgrounds coming in
    • Physics, Nuclear, Mechanical, Materials Engineering
  • Graduate school classes can be challenging
    • Academic excellence is the expectation
    • No one wants you to fail
  • Talk to faculty for help with classes
  • Talk to previous students; many of us have taken the same classes!
• The Nuclear Engineering Department
  • Nuclear Engineering is extraordinarily diverse
    • People of different backgrounds and cultures
    • Distinct research specializations
  • Get to know the other students.
    • Knowing people who are also dealing with graduate student life can help manage everything.
    • People within and outside of your specialization can provide insight on research and classes
Conclusions and Future Work
Conclusions:

- I hope all of you enjoy your time here at Purdue
- Keep an eye out for information and events hosted by the Nuclear Engineering Graduate Organization
- If any of you have any questions, feel free to reach out to myself or any of the other graduate students.

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Thank you!