Can You explain your research in 3 minutes? Find out!

Thursday, November 29, 2018
9:00-11:00am, reception to follow
H.F. DeLuca Forum
Discovery Building

Three Minute Thesis® is an international competition in which PhD students explain their thesis research to a general audience.
1. Adalbert Gerald Soosai Raj  
Toward Making Computer Science Education Accessible to Everyone

2. Geetika Nehra  
Treatments for Brain Disorders Can Be Right Under our Nose

3. Deepa Acharya  
Eavesdropping Helps Bacteria Produce New Antibiotics

4. Alyson Douglas  
How Does Pollution Effect Clouds?

5. Vera Cardoso Ferreira  
Using Big Data to Feed the World

6. Jenny Bratburd  
How Your Gut Bacteria Battle Salmonella

7. Katy Jinkins  
Aligning Carbon Nanotubes for Your Electronics: As Easy as Floating Logs Down a River

8. Xinyue Peng  
Storing Solar Energy with Chemistry

9. Jacqueline Goldstein  
The Sounds of Stars

10. Manoj Kumar  
Whole-body Imaging of Advanced Cancer

11. Levi Hogan  
Nano-Photonics: Uncovering the Chemistry of Single Gold Particles

12. Anastasia Lindahl  
It Takes an Assembly Line to Feed the Brain

13. Hillary Mitchell Warden  
Towards the Prediction of Intermetallic Structures

14. PRIYABRATA SUNDARAY  
Prediction of Electrical Faults to Avoid Blackout

15. Apoorva Sampat  
Cows, Manure, and Algae Blooms: Math Makes Tough Decisions Easier to Digest

16. Sathiya Kumaran Mani  
Scalable and Accurate Time Synchronization for a Diverse Internet

Thank you for coming!
3 Minute Thesis Presenters

17. Sarah Alexander
   Talking With the Rain

18. Carolyn Voter
   Where Does the Rain Go?

19. Meenakshi Syamkumar
   Methods for Detection and Analysis of Internet Events

20. Swapnil Haria
   Exploiting the Persistence of Memory

21. Ramnatthan Alagappan
   Reliable and Performant Distributed Storage Systems

22. Margaret Lumley
   Why So Salty? Turning Seawater into Fresh Water Using Battery Technology

23. Archie Abhashkumar
   Towards Automated Network Policy Management

24. Anjalie Schlaeppi
   A Tale of Fish and Hearts

25. Rebecca Salamon
   The Role of Nerves in Guiding Heart Regeneration

26. Andjela Radmilovic
   Illuminating Electrodes for Solar Water-Splitting!

27. Jennifer Borchardt
   The Brain’s Valium: Investigating the Role of DBI in Regulating GABA-mediated Inhibition

28. Zebediah Girvin
   Foldamers: Utilizing Preorganization for Catalysis

29. Kaushiki Mahapatra
   Creating New Hearts

30. Christopher Bosma
   A New Metric to Communicate Tropical Cyclone Rainfall Hazard

31. Carlos Ruiz
   Optical Emission Spectroscopy of Low Temperature Plasmas

32. Christopher McAllester
   Balanced Genomes

At the conclusion of the presenters please vote for the “People’s Choice” award using link below on your smartphone. Your vote should be given to the most concise, clear presentation. Please only vote once.

https://go.wisc.edu/93s49f
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