Developing the Next Generation of PHM Researchers and Professionals

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THE UNIVERSITY OF TENNESSEE KNOXVILLE
BIG ORANGE. BIG IDEAS.
PHM Society Doctoral Symposium

• Solicit applications worldwide
• Any topic relevant to the PHM domain is welcome
  • Health assessment, condition monitoring, anomaly detection, diagnostics, prognostics, prognostic-informed control or operations planning, etc.
• Up to ten participants selected
Some applicant demographics (2016-2018)

- Applicants from 28 distinct universities
  - 14 US
  - 1 Canada
  - 1 S. America
  - 6 Europe
  - 5 Asia
  - 1 Australia
Participant demographics (2016-2018)

- Over 3 years:
  - 9 women
  - 18 men
- 1 ½ - 3 years remaining in PhD
- Topics across PHM spectrum
But how are the participants selected?

- Double-blind review of research summaries
  - Relevance to PHM field
  - Uniqueness of contributions
  - Formulation of research approach
  - Preliminary results
- Review of CV and faculty endorsement
- Additional score related to expected time to graduation
The DS Panel
What’s the challenge?

• PHM is a huge, multidisciplinary field

• Exceptionally talented graduates have too many opportunities
Volunteer with the 2019 DS!
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