The Maha Fluid Power Research Center is recognized as a leader in innovative methods to research and apply fluid power technology. We conduct research on existing technical challenges, explore new application fields, and promote industrial collaborations.

Our faculty researchers bring their expertise to all aspects of fluid power – from computer modeling to real-world experimentation – and apply that knowledge to hydraulic pumps, motors, and systems. With faculty from the Colleges of Engineering, Agriculture, and Technology, we can partner with you to provide solutions and new technology for all your fluid power needs.

By becoming a member of the Maha Fluid Power Research Center, you will have access to world-leading fluid power research, a wide network of professionals, and a group of talented prospective employees in the field.

**Benefits of Membership**

Membership in the Maha Fluid Power Research Center provides numerous benefits for you and your company. You can stay current with ongoing research, receive insights into technological trends, network with other fluid power professionals in professional development settings, engage with Purdue students studying the field, and support research projects at the center. Investigate our two levels of membership, Basic and Executive, and determine which one is right for your organization.

**Stay Informed with Ongoing Research**
- Learn the most current fluid power research through conferences and webinars
- Access Maha models and virtual hydraulic trainer simulator

**Professional Development - Intensive Fluid Power Courses**
- Over 100 hours curriculum divided into three classes – Summer, Fall, and Spring
- Three topics: a) fundamentals in Hydraulics, b) Hydraulic Control Systems, and c) Hydrostatic Pumps and Motors
- The Maha industry committee will suggest more topics*

**Maha Fluid Power Conference**
- Annual three-day technical event
- Presentations on the most current fluid power research topics
- Invited technical presentations from industry and other international universities
- Social and networking events

**Maha By The Numbers**
- Largest university facility in the US that focuses on fluid power technology
- 15,000 square feet of lab space
- 15+ test stations
- 10+ testbed vehicles
- Associated labs in tribology, electric machines, controls
- Long history of industry-supported research
- Over 30 researchers/staff
- Proprietary simulation tools for hydraulic components and systems

**Recruiting Opportunities**
- Receive biannual updates on “Maha recommended” Purdue students looking for job opportunities
- Participate in a recruiting session during the annual Maha Fluid Power Conference
- Organize a private recruiting event at the Maha Fluid Power Research Center*
Support Maha Research

- Determine a research project (confidentiality will be respected and, with permission, only data with normalized results will be presented)*
- Provide directions for future Maha research topics*
- Over 90% of the membership cost goes directly to the research without overhead.

*For Executive level members

Learn more about projects, faculty, and the center at:
engineering.purdue.edu/maha

Contact:
Andrea Vacca
Director, Maha Fluid Power Research Center
avacca@purdue.edu

Lizhi Shang
shangl@purdue.edu

For the full list of Maha-associated faculty, visit our website.

Membership Details

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<tr>
<th>Membership Type</th>
<th>Recruiting</th>
<th>Intensive Course</th>
<th>Conference</th>
<th>Research</th>
<th>Other</th>
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Maha Fluid Power Research Center
Members as of Sep. 2023

Executive Members

Basic Members

PURDUE UNIVERSITY