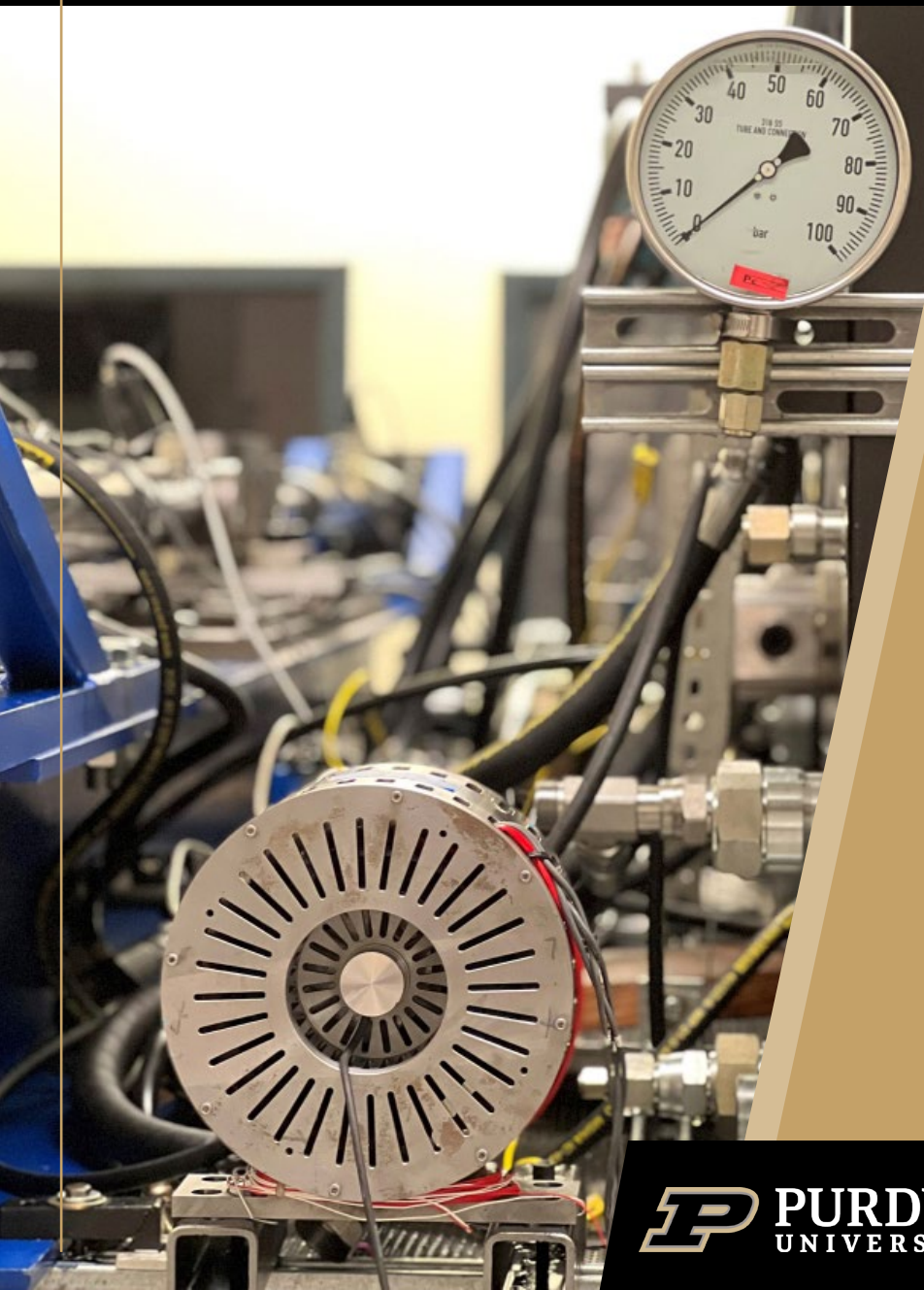
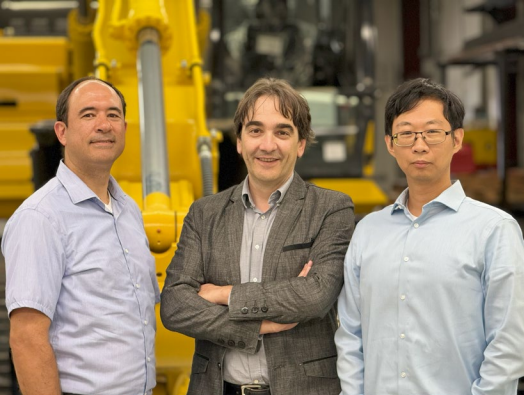


Maha Fluid Power Research Center





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

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

By becoming a member of the Maha Fluid Power Research Center, you will have access to world-leading research, a specialized curriculum for R&D education, a wide network of professionals, and a group of talented prospective employees in the field.

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

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.

Accelerate R&D with Cutting-Edge Research

- Learn the most current fluid power research through conferences and webinars
- Quarterly open forums on member-driven R&D challenges

Professional Development - Intensive Fluid Power Courses

- Over 100 hours curriculum divided into three classes.. and more to come!
- Current topics: a) Fundamentals in Hydraulics, b) Hydraulic Control Systems, and c) Hydrostatic Pumps and Motors
- Class topics suggested by the Maha industry advisory board *

Maha Fluid Power Conference

- Annual in person technical event
- Presentations on the most current fluid power and motion control research topics
- Invited technical presentations from industry and other international universities
- Social and networking events

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 fee goes directly to the research without overhead.

**For Executive level members*

Recognize Purdue's fluid power alumni

- Contribute in selecting awardees with outstanding achievements in fluid power for the M. Ivantysynova Medal Award.

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

Contact:

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Lizhi Shang

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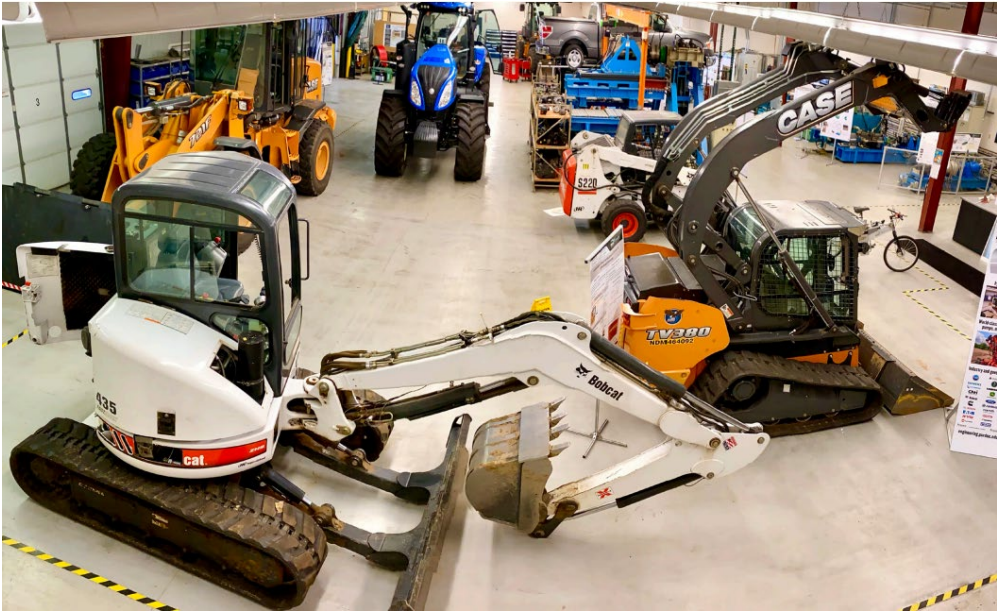
Jose Garcia-Bravo

jmgarcia@purdue.edu

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

Membership Details

		Recruiting			Classes & Conference		Research			Other
		Updates on graduating students	Recruiting session participation	Dedicated recruiting session	Free participation	Topic suggestion	Quarterly open R&D forum	General research topics	Exclusive project	Company logo (website, program, proceedings)
Membership type	Basic \$10,000 (annually)	Yes	Yes	No	1 person	No	Yes	No	No	Yes
	Executive \$55,000 (annually)	Yes	Yes	Yes	Up to 3 persons	1 seat	Yes	Yes	Yes	Yes





Maha Fluid Power Research Center Members as of Sep. 2026

Executive Members

rexroth
A Bosch Company

CASAPPA
FLUID POWER DESIGN

HUSCO

Parker

POCLAIN
Hydraulics

wipro

Basic Members

Bobcat

BUCHER
hydraulics

CATERPILLAR

CNH

Danfoss

JOHN DEERE

MOOG

ognibene power
THE STEERING PEOPLE

OILGEAR

SARGENT
AEROSPACE & DEFENSE

SETTIMA

Stackpole
International

SUN hydraulics

Thomas

TotalEnergies

PURDUE
UNIVERSITY