



ANNOUNCEMENT | CALL FOR PAPERS

2023 IDETC/CIE

International Design Engineering Technical Conferences
& Computers and Information in Engineering Conference

Power Transmission and Gearing (PTG)

August 20-23, 2023
Boston, MA, USA

<https://www.bostonparkplaza.com/>

- The Power Transmission and Gearing (PTG) Committee of the American Society of Mechanical Engineers, Design Engineering Division invites you to participate in the **ASME 2023 Power Transmission and Gearing Conference**. The conference will be held in conjunction with the ASME International Design Engineering Technical Conferences and Computers and Information in Engineering Conferences (IDETC/CIE) in **Boston Massachusetts on August 20-23, 2022**.

Power transmission and gearing researchers and engineers from around the world will be in attendance. The PTG Conference will provide attendees an opportunity to become familiar with the **latest research findings and applications that address critical engineering issues**.

- Authors and attendees are invited to participate in this premier international conference. This is a unique opportunity to disseminate your latest research findings to a global audience, and network with leading experts in the field. **Papers are solicited on all aspects of gear and power transmission technology** with a range of applications (aerospace, automotive, wind turbine, robotics and others).

Topics include but are not limited to:

- ▶ Gear Geometry
- ▶ Gear Analysis, Materials, Fatigue
- ▶ Gear Dynamics and Noise
- ▶ Gearbox Design, Reliability, and Diagnostics
- ▶ Gear Manufacturing
- ▶ Lubrication and Efficiency
- ▶ Bearings, Clutches, Couplings, and Splines
- ▶ Transmission Systems Including Novel Concepts

Visit the conference website at <https://event.asme.org/IDETC-CIE> to submit abstracts or papers, register, make hotel accommodations and find out more information.

Important Dates

DRAFT PAPER Submission (Published)

MARCH 13, 2023

PRESENTATION ONLY Abstract Submission

April 10, 2023

Author Notification of Acceptance/Revision Requirements

April 24, 2023

Submission of Copyright Form

May 12, 2023

Author Registration Deadline

May 15, 2023

Submission of Final Paper

May 15, 2023

Topic Organizers

- ▶ Gear Geometry
 - Prof. Alfonso Fuentes Aznar
 - afeme@rit.edu
- ▶ Gear Analysis, Materials, Fatigue
 - Dr. Hai Xu
 - hai.1.xu@gm.com
- ▶ Gear Dynamics and Noise
 - Prof. Ahmet Kahraman
 - kahraman.1@osu.edu
- ▶ Gearbox Design, Reliability, and Diagnostics
 - Prof. Murat Inalpolat
 - murat.inalpolat@uml.edu

For More Information Contact

David Talbot, Chair
Assistant Professor
The Ohio State University
(614)-247-8688
talbot.11@osu.edu

Hai Xu, Vice-Chair
Advanced Gear System Technical Specialist,
General Motors
(734)-320-8571
hai.1.xu@gm.com

Tech Committee on Power Transmission and Gearing (TC-PTG)

Topic Organizers

- ▶ Gear Manufacturing
 - Dr. Qi Fan
 - qfan@gleason.com
- ▶ Lubrication and Efficiency
 - Prof. Sheng Li
 - sheng.li@wright.edu
- ▶ Bearings, Clutches, Couplings, and Splines
 - Prof. David Talbot
 - talbot.11@osu.edu
- ▶ Transmission Systems Including Novel Concepts
 - Prof. David Talbot
 - talbot.11@osu.edu