

2024 IDETC/CIE

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

Power Transmission and Gearing (PTG)

August 25-28, 2024
JW Marriott Washington,
Washington, DC, USA

<https://www.marriott.com>

Conference Information

- The Power Transmission and Gearing (PTG) Committee of the American Society of Mechanical Engineers, Design Engineering Division invites you to participate in the **ASME 2024 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 **Washington DC on August 25-28, 2024**.

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

New Conference Awards:

A Best Paper Award and a Best Student Presentation Award will be awarded based on technical reviews and evaluations of symposium organizers.

PTG Power Transmission & Gearing

Important Dates

DRAFT PAPER Submission

March 12, 2024

PRESENTATION ONLY Abstract Submission

April 22, 2024

Author Notification of Acceptance/Revision Requirements

May 6, 2024

Submission of Copyright Form

May 24, 2024

Author Registration and Submission of Final Paper

May 27, 2024

For more information, please feel free to contact the conference organizers:

Conference Chair

Dr. Hai Xu

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Program Chair

Prof. Alfonso Fuentes Aznar

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

Topic Organizers

- ▶ Gear Geometry
 - Prof. Alfonso Fuentes Aznar
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- ▶ Gear Analysis, Materials, Fatigue
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- ▶ Bearings, Clutches, Couplings, and Splines
 - Prof. David Talbot
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- ▶ Transmission Systems Including Novel Concepts
 - Prof. Yawen Wang
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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.