

BGA Free BGA Webinar

**BRITISH GEAR
ASSOCIATION**

Promoting the technical and commercial interests of manufacturers, distributors, academics and others involved in the Power Transmissions industry in the United Kingdom.

MECHANICAL POWER TRANSMISSION & THE JOY OF GEARS.

Date: 23rd April 13:00-14:30

Platform: Microsoft TEAMS

Tutor: Graham Penning

Fee: Free to all.

Register: email admin@bga.org.uk

This short online session is presented live with plenty of time for questions and discussion.

About the Webinar.

For the last few years, I have delivered a gear foundation course to both young and experienced engineers wanting to understand gear technology, and I always start the day by saying:

“In 1973, I moved to Huddersfield after getting a job as a young engineer with David Brown Gear Industries thinking that, after two years, I will move on knowing everything about gears. Well, here I am, over forty-five years later, still learning something new about gears every week. So, while today I will have no problem introducing all the basics of gears, you will never know everything about gears. That is the joy of gears; they embrace so many technologies that there is always an opportunity to learn something new, and once involved it will be inevitable that you will meet and enjoy working with many different and helpful engineering experts.”

Webinar Content.

This webinar outlines how mechanical power transmission has been used throughout history to create and develop the machines that have now become essential to our civilization and way of life.

Many transmissions exploit gears and gearboxes to both control motion and allow the prime mover and driven machine to run at their ideal conditions.

The critical role gears play is explained and how for more than 2000 years, gear engineers have had to embrace and understand all aspects of mechanical engineering. As new technologies emerge this challenge continues, providing exciting opportunities for all engineers involved with gears and gearboxes.

Whilst the inescapable truth is that gears are used, not because we want them, but because we need them, hidden within is the secret joy associated with gears and this will be revealed during the course.

Attendees will

- Better understand how they can use these technologies to improve their engineering applications
- Recognise how one of the most enduring engineering technologies is embracing the latest technology developments and innovations.
- Be introduced to the vast range of technologies apparently simple mechanisms like gears embrace to provide one of the most fulfilling career paths an engineer can follow.

More details can be found at www.bga.org.uk/gear-training/

British Gear Association
Stephenson Building
University of Newcastle upon Tyne
NE1 7RU

Phone: +44 (0)191 2086160
Web: www.bga.org.uk
Email: admin@bga.org.uk

www.linkedin.com/in/britishgear/
www.facebook.com/BritishGearAssociation
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