PRODUCTION OF GEARS MARCH 13-17, 2017

Belgium

This part of the training program covers the fundamentals of gear manufacturing. Consequently, students will learn about the different stages involved in the manufacturing of gears: gear hobbing, gear shaping, gear honing and gear finishing.

In addition, they will receive training in surface treatment from a specialized gear metallurgist and they will be provided with an overview of new ways of production, such as 5 axe production.

QUALITY AND FAILUREJUNE 13-17, 2016

at the University of Newcastle (Design Center)

During this course, students will learn more about the requirements for gear quality and the interpretation of test results. Furthermore, this training will treat topics such as:

- The tribology of gear mesh;
- Lubrication systems in gear transmissions;
- Coatings.

Want to know more about how trainings can hone your people's skills and expertise? Need more information about the EUROTRANS Gear Training? You can send all of your questions to marleen.poelmans@agoria.be.

For more information about EUROTRANS, visit:

WWW.EURO-TRANS.ORG.



EUROTRANS:

Tomaso Carraro; President - Italy Jens Westh; Vice President - Switzerland



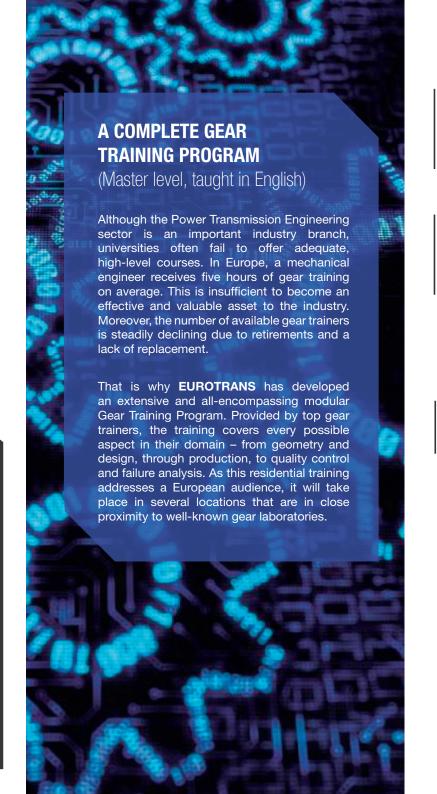
EUROTRANS, FOR MORE AND BETTER DRIVE TECHNOLOGY

As a federation, the European Committee of Associations of Manufacturers of Gears and Transmission Parts (EUROTRANS) is an organization that represents the interests of the European power transmission industry. It informs and supports more than 600 enterprises within Europe, which account for an annual production of more than 40 billion Euro.

Europe is the leading region worldwide in terms of innovation and experience in the power transmission sector. Companies in this industry employ not less than 160,000 people. Consequently, **EUROTRANS** takes its task of representing these people and enterprises, in line with national needs, very seriously.

WHAT WE DO AT EUROTRANS:

- Offer a European and international networking platform.
- Define common issues and discuss possible strategies and solutions.
- Unify enterprises within this industry into one European voice.
- Act as a lobbyist within European legislation.
- Assist in educating young people by offering specific training courses.
- Function as a single point of contact for associations worldwide.
- Collect and present figures and forecasts about the European industry.
- Foster and market the European leading area for power transmission.



INTERNATIONAL NETWORK EVENTS

European Drive Technology Conference

SEPTEMBER 08-10, 2016

Luzern, Switzerland

4th International Drive Technology Meeting

APRIL 23TH, 2017

Hanover, Germany

TRAINING PROGRAM

Geometry and Design NOVEMBER 21-25, 2016

at the University of Munich

This part of the training program explores a wide range of topics, including:

- Gear geometry for spur and helical gears;
- Basic definitions of concepts such as single gear, gear pairs, mesh and special gears, and planetary gears;
- An introduction to gear rating, relevant stress parameters, rating of bending, pitting, scuffing, slow speed wear, micropitting and flank breakage;
- Standardized gear methods in ISO, bending, pitting, scuffing and micropitting.

The entire subject matter is extensively illustrated with examples and best practices.