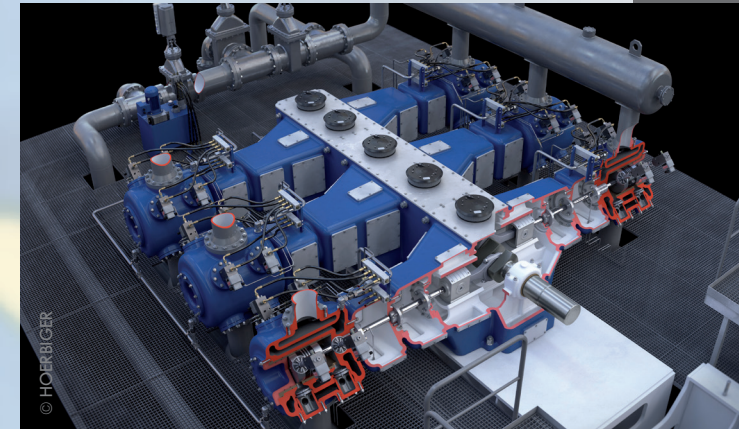


EFRC Members

Anderol BV
Andreas Hofer Hochdrucktechnik GmbH
Ariel Corporation
Ateliers François SA
BASF SE
BORSIG ZM Compression GmbH
Burckhardt Compression AG
Burckhardt Components AG
Compressor Products International GmbH
CompressorTech Two
COOK COMPRESSION
C.S.T. Compression Service Technology S.r.l.
Dott. Ing. Mario Cozzani S.r.l.
DRESSER-RAND Company Ltd.
Dynaflow Research Group BV
GE Measurement and Control Solutions Italia S.r.l.
GE Oil & Gas NUOVO PIGNONE S.p.A.
GE Oil & Gas, Reciprocating Compressors
HOERBIGER Kompressortechnik Holding GmbH
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Windrock Incorporated

European Forum for Reciprocating Compressors



Student Workshop

sponsored by EFRC*
June 14-17, 2016

Germany / Switzerland

**Gain an insight into
reciprocating compressor technology!
And win an attractive price!**

*This Student Workshop
sponsored by EFRC is **cost-free**
for participants.



STUDENT WORKSHOP

STUDENT WORKSHOP

Who we are

The EFRC Organisation

The European Forum for Reciprocating Compressors was founded in June 1999 as a non-profit association to support European users, manufacturers and scientists working with reciprocating compressors in terms of technology, exchange of experience, formation and enforcement of standards and precompetitive research.

Our Background

The increasing demand for economic plant operation has led to a critical discussion of the equipment as to selection, design, maintenance and automation. The well-known advantages of the reciprocating compressor – high efficiency in many different operating conditions, comparatively easy regulation possibilities, suitability for light gases, high compression ratios, and many more – have led to a renaissance of this type of machinery.

Our Goals are

Exchange of Information and Experience

The EFRC acts as a 'forum of ideas' providing scientists and engineers the opportunity to spread new ideas or to carry them out. The end users in their turn can take the opportunity to report on their experience with the reciprocating compressor and to request the industry concerned for solutions to problems.

Improve the Image of Reciprocating Compressors

It will be shown that reciprocating compressors meet all the requirements of modern machines and even create new possibilities.

Improved Specifications and Standards

The forum will also offer an opportunity for constructive criticism concerning the internationally used US standards. The aim should be to provide an interpretation and improvement of the above regulations adapting them to modern experience and specific European needs.

Programme

Day One: June 14, 2016

10:00 Arrival of the Students at
Mehrer Compression GmbH (OEM)
Lecture: "Fundamentals of Thermodynamics"
Lecture: "Fundamentals of Reciprocating Compressors"
Plant Tour
Night Stop in Balingen, Germany

Day Two: June 15, 2016

Transfer to Grafenhausen, Germany
Visit of Rothaus Brewery / CO2 Compressor
Transfer
Night Stop to Winterthur, Switzerland

Day Three: June 16, 2016

Visit at Burckhardt Compression AG (OEM)
Lecture: "Compressor Wear Parts - Valves, R&P and
Compressor Mechatronics"
Lecture: "Hyper Compression - fundamentals"
Plant Tour
Night Stop in Winterthur, Switzerland

Day Four: June 17, 2016

Visit at Lonza AG
Lecture: "The Role of the Reciprocating Compressor in
the Chemical Industry and @Lonza"
Lecture: "Pulsations and Vibrations on Reciprocating
Compressors"
Plant Tour
Handover of EFRC Workshop Task
15:00 End of EFRC Student Workshop
Transfer to Airport / Trainstation

Win a price!

At the end of the workshop all participants will get a challenging task to solve.
Closing date is two weeks later on July 1, 2016.

The owner of the best solution will win an attractive price.

Want to take part?

Use this great opportunity and register as soon as possible as space is limited and fills up quickly.

Please, send your application to Mrs. Maja Schütz via email: contact@recip.org.
European Forum for Reciprocating Compressors e. V.
c/o Technische Universität Dresden, 01062 Dresden

Participants will be selected by the EFRC Student Workshop Committee.



*This Student Workshop sponsored by EFRC – European Forum of Reciprocating Compressors – is **cost-free** for participants. It includes accommodation, food and travelling expenses, each student gets a max. refund of EUR 300.- for the transfer to Balingen, Germany and back home from Visp, Switzerland.