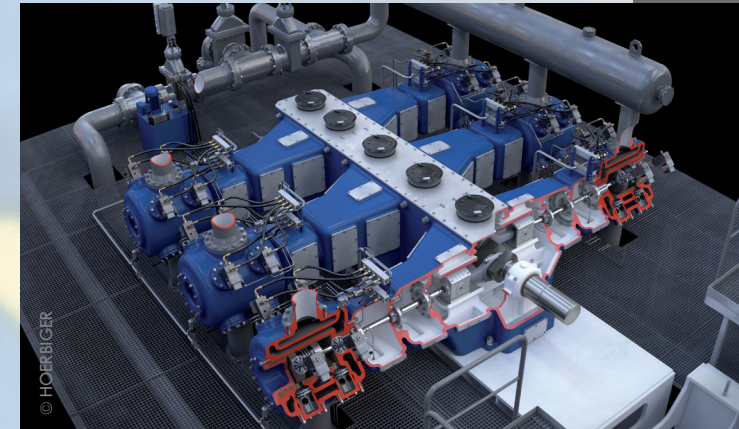


EFRC Members

Andreas Hofer Hochdrucktechnik GmbH
Ariel Corporation
Ateliers François SA
BASF SE
BHGE Bently Nevada
BHGE Nuovo Pignone International S.r.l.
BORSIG ZM Compression GmbH
Burckhardt Compression 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 a Siemens BUSINESS
Dynaflow Research Group BV
HOERBIGER Ventilwerke GmbH & Co. KG
Howden Thomassen Compressors B.V.
ITW / EMHA BV
J.P. Sauer & Sohn Maschinenbau GmbH
KÖTTER Consulting Engineers GmbH & Co. KG
Leobersdorfer Maschinenfabrik GmbH & Co. KG
LONZA AG
Nederlands Aardolie Maatschappij B.V. (NAM)
NEUMAN & ESSER GmbH & Co. KG
N.V. Nederlandse Gasunie
PROGNOST Systems GmbH
PSE-Engineering GmbH
Repsol S.A.
ROESEN GmbH
RWE Gas Storage s.r.o.
RWTH Aachen University, Institute for Combustion Engines
SAFE S.P.A.
SHELL Global Solutions International BV
SIAD Macchine Impianti S.p.A.
Southwest Research Institute
STASSKOL GmbH
TNO Science and Industry
TU Dresden, Bitzer Chair of Refrigeration, Cryogenics and Compressor Technology
TU Wien, Institute of Fluid Mechanics and Heat Transfer
TOTAL Refining and Chemicals
Windrock Incorporated

European Forum for Reciprocating Compressors



Student Workshop

sponsored by EFRC*
June 11-14, 2018

Netherlands / Germany

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 11, 2018

11:00 Arrival / Welcome of the Students at
TNO Science and Industry in Delft, Netherlands
Introduction to EFRC
Lecture: "Fundamentals of Thermodynamics"
Lecture: "Fundamentals of Reciprocating Compressors"
Lecture: "Pulsations & Vibrations"
Night Stop in Delft, Netherlands

Day Two: June 12, 2018


Visit of Shell Pernis
Lecture: "The Role of Recips at Shell"
Transfer
Night Stop in Rheden, Netherlands

Day Three: June 13, 2018

Visit Howden Thomassen Compressors BV (OEM)
Lecture: "Company Presentation"
Lecture: "Reciprocating Compressors"
Visit Enduser
Transfer
Night Stop in Übach-Palenberg, Germany

Day Four: June 14, 2018

Visit at NEUMAN & ESSER (OEM)
Lecture: "Company Presentation NEA"
Lecture: "Reciprocating Compressor Components"
by STASSKOL
Plant Tour
Handover of EFRC Workshop Task
15:00 End of EFRC Student Workshop
Transfer to Airport / Trainstation

Follow us on: 

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 June 29, 2018.

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 Amsterdam, Netherlands and back home from Dusseldorf, Germany.