

DKV-Statusbericht Nr. 32

1. Innovation Day of Compressor Technology „Synergies of Compressor Technologies“

TU Dresden
BITZER Professur für Kälte-, Kryo- und
Kompressorentechnik

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Content: Presentations of the 1st Innovation Day of Compressor Technology „Synergies of Compressor Technologies“

1. „Influence of Lubricants in Refrigeration and Process Gas Compressors“
Tobias Göpfert, BITZER Professur der TU Dresden
2. „Refrigerant Injection in Scroll and Screw Compressors“
Dr. Heinz Jürgensen, BITZER Kühlmaschinenbau GmbH
3. „Water Injection in Screw Compressors“
Piotr Skibinski, RELO GmbH Verdichter
4. „Oil Free Compression in Domestic Household Refrigerators“
Prof. Cláudio Melo, POLO - Research Laboratories for Emerging Technologies
in Cooling and Thermophysics; Dr. Rinaldo Puff, Embarco
5. „Spindelverdichter für Ölfreie Verdichtung von R-718“
Dr. Ralf Steffens, Ingenieurbüro
6. „Performance improvement with VVR for Residential Scroll Compressors“
Dr. Bachir Bella, Emerson Commercial & Residential Solutions
7. „Investigation on Poppet Valves for Compressors and Expansion Machines“
Christian Stöckel, BITZER Professur der TU Dresden
8. „Turbo Compressors in Refrigeration Technology“
Ricardo Schneider, President of Danfoss Turbocor Compressors
9. „Gas Bearings for Turbo Compressors“
Prof. Jürg Schiffmann, École polytechnique fédérale de Lausanne