CONVERGE APPLICATION WORKSHOP

ROTATING MACHINERY

11 NOVEMBER 2022 | DÜSSELDORF, GERMANY

SCHEDULE

09:30 — Registration Opens

10:10 — **Welcome -** Rainer Rothbauer | Convergent Science

10:20 — **Modeling and Optimization of the Flow Inside an Oil Flooded Rotary Sliding Vane Compressor Using DoE, CFD and Measurements**
James Willie | CVS Engineering GmbH

10:45 — **CFD Modelling of a Dry Rotary Vane Vacuum Pump Using CONVERGE**
Nicolò Beccati | D.V.P. Vacuum Technology s.p.a.

11:10 — **Overview of Rotating Machinery Applications in CONVERGE**
Pietro Scienza | Convergent Science

11:35 — **Numerical Validation of the FDA Benchmark Blood Pump Using CONVERGE -** Achuth Nair | Convergent Science

12:00 — Lunch

13:40 — **DEMO: Setup and Simulation of an Oil-Flooded Screw Compressor with CONVERGE -** Lorenzo Sufrà | Convergent Science

14:40 — Break

15:10 — **DEMO: Modeling a Centrifugal Blood Pump in CONVERGE**
Achuth Nair | Convergent Science

16:10 — **DEMO: Simulating a Refrigerant Scroll Compressor Using CONVERGE**
Pietro Scienza | Convergent Science

17:10 — Closing