



# CLOUDFLOW

## COMPUTATIONAL CLOUD SERVICES AND WORKFLOWS FOR AGILE ENGINEERING

Learn how manufacturing SMEs have profited from cloudifying engineering and simulation processes. Join our workshop and experience the benefits of our HPC-based cloud platform.

**WORKSHOP**  
**AT HANNOVER MESSE**  
**APRIL 26, 2017**  
**2:00 PM – 5:00 PM CET**  
**SAAL HEIDELBERG**  
**CONVENTION CENTER**

The participation at the workshop is exempt from charges.  
Please register for the workshop by email at  
**[gabriele.knoess@igd.fraunhofer.de](mailto:gabriele.knoess@igd.fraunhofer.de)** with your  
complete address. Registration will close  
on April 21st, 2017 and the number  
of participants is  
limited.

## PROGRAM:

- ▶ What is CloudFlow?  
Why is CloudFlow generating added value? *Prof. Dr. André Stork, Fraunhofer IGD, Germany*
- ▶ Optimizing energy consumption and noise emission of the cooling air-flow optimization for compressors, *Wojtek Zietak, Capvidia NV, Belgium*
- ▶ More efficient drug production using cloud-based CFD simulation of bioreactors, *Dalibor Jajcevic, SES-Tec OG, Austria*
- ▶ Cloud based optimization of an extrusion die, *Martin Becker, DHCAE Tools GmbH, Germany*
- ▶ HPC workflow for simulation and optimization of additive manufacturing for improving the production of gearboxes, *Tommaso Zerbi, STAM S.r.l., Italy*

### Coffee break

- ▶ How can SMEs benefit from CloudFlow HPC services, *Tomi Iljas, Arctur Racunalniski Inzeniring Doo, Slovenia*
- ▶ How is CloudFlow boosting the competitiveness of manufacturing SMEs? *André Schneider, Fraunhofer EAS, Germany*
- ▶ Where to benefit from CloudFlow? *Sebastian Pena Serna, clesgo UG (haftungsbeschränkt), Germany*
- ▶ Panel Discussion

ORGANIZER:  CloudFlow

POWERED BY:

 I4MS



PRESENTERS:

 DHCAE Tools

 capvidia  
software/engineering/applications

 ARCTUR

 clesgo

 Stam

 ses-tec

 Fraunhofer