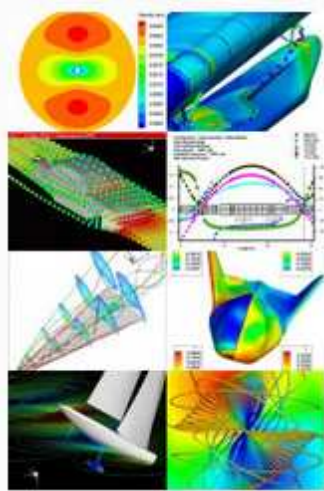


# Genias Graphics

## Scientific Data Visualization



### 2018 User Day



**Date:**

**Tuesday, March 06, 2018**  
**09:00 – 12:00**

**Czestochowa University  
of Technology**  
**Institute of Thermal Machinery**  
**Al. Armii Krajowej 21**  
**42-200 Czestochowa**  
**POLAND**

**Location:**

**Building WIMil**  
**Room 210**

This workshop is free of charge.  
Feel free to inform your colleagues  
about it.

**Registration:**

[www.tecplot.de/czestochowa](http://www.tecplot.de/czestochowa)

### Post Processing of Simulation Data

Scientists and Engineers who are looking to cut time in understanding computational fluid dynamic (CFD) and experimental results look to **Tecplot 360**, a visual data analysis tool that improves productivity with integrated XY, 2D and 3D plotting. It's fast, easy to use, memory efficient and produces visually powerful output to help you communicate your results to others.

Genias Graphics GmbH & Co. KG in cooperation with the Institute of Thermal Machinery and active support by Dr. Artur Tyliszczak as co-organizer will conduct a Tecplot User Day at Czestochowa University of Technology.

The participants of the User Day will have the opportunity to learn techniques that help them in loading, post-processing, visualizing and sharing large and complex data from **numerical simulations as well as experimental data**. All attendees will receive a Training Certificate.

#### Agenda

09:00-09:15	<b>Introduction and Round Table</b>
09:15-10:15	<b>New Tecplot 360 EX 2017 Release 3</b> New Features & enhanced capabilities PyTecplot Python Interface and Examples Tecplot Chorus for Parametric Simulations, Optimization and DoE, CFD Post Processing
10:15 -10:30	<b>Break</b>
10:30 -12:00	Create 3D, 2D, XY Line Plots and cool Animations Automation with PyTecplot and Macros Output Tecplot Format from your inhouse solver (data format, tecio, tecioMPI) <b>Q&amp;A</b>

**Tecplot 360 EX** – a CFD visualization software tool that helps you quickly plot and animate your data exactly the way you want it: Use Tecplot 360 EX to analyze complex data, arrange multiple layouts, and communicate your results with professional images and animations.

**Tecplot Chorus** is a new simulation analytics framework that unites physics visualization with data management and analytics to help engineers manage and analyze collections of CFD simulations. An engineer using Tecplot Chorus can evaluate overall system performance and visually compare tens or hundreds of simulation cases in a single environment.