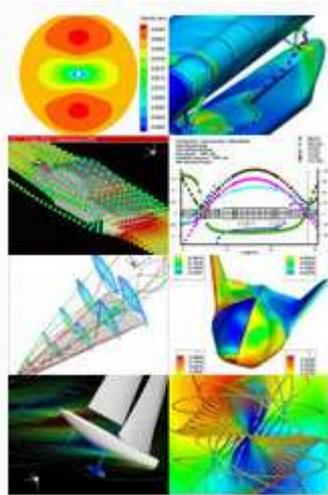# Genias Graphics
Scientific Data Visualization

tecplot.

2018 User Day

Date:
Wednesday, March 07, 2018
09:30 – 16:00

Warsaw University of Technology
Institute of Aeronautics and Applied Mechanics
ul. Nowowiejska 24
00-665 Warsaw
POLAND

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

Registration:
www.tecplot.de/registration

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.

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**.

Agenda	
09:30-09:45	**Introduction and Round Table**
09:45-10:45	**New Tecplot 360 EX 2017 Release 3**
	New Features & enhanced capabilities
	PyTecplot Python Interface and Examples
	Tecplot Chorus for Parametric Simulations, Optimization and DoE, CFD Post Processing
10:45 -11:00	**Break**
11:00 -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) **Q&A**
12:00 - 13:00	**Break**
13:00 - 16:00	Training for individual user-groups on request

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.