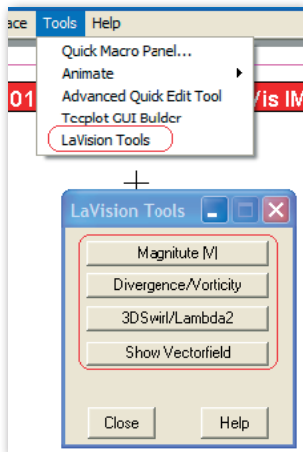


DaVis- Tecplot®- Add-On

a visualization tool for
FlowMaster PIV data

Features:

- ▶ importing DaVis IM7/VC7 files formats in TecPlot® without loss of data
- ▶ full TecPlot® access to grids, image or vector data and frames attributes
- ▶ preserving DaVis frames structures (frames → zones)
- ▶ toolbox for the calculation of
 - vector magnitudes (2D/3D)
 - divergence and vorticity (2D/3D)
 - 3D swirl (lambda-2, 3D)
- ▶ uploading multiple files at once
- ▶ MSI installer for easy installing available



toolbox

Comparison between PIV- and CFD-flow fields

Data provided by LaVision are believed to be true. However, no responsibility is assumed for possible inaccuracies or omissions. All data are subject to change without notice.

May-15

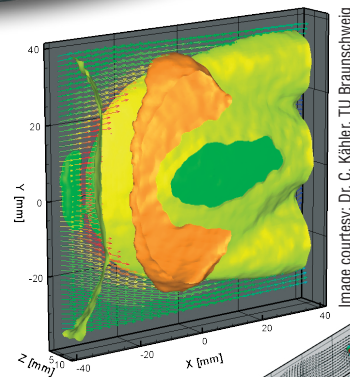
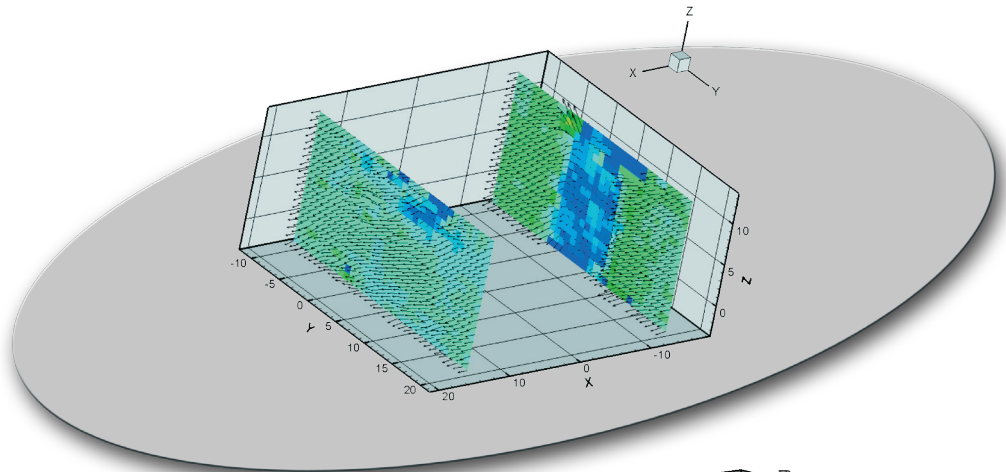


Image courtesy: Dr. C. Kähler, TU Braunschweig

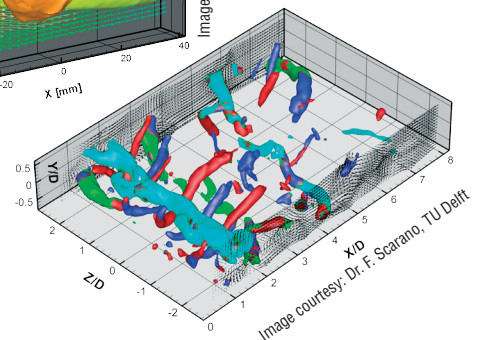


Image courtesy: Dr. F. Scarano, TU Delft

results from *FlowMaster Tomographic PIV*

Tecplot® provides many features to compare experimental PIV data with CFD flow fields in detail. Import filters for most standard CFD data formats are provided. 2D- and 3D- flow fields can be re-interpolated on the CFD-, PIV-, or user specified grid to compare vectors at the same position for statistical analysis.

The DaVis-Tecplot®-Add-on is a valuable visualization tool for **FlowMaster** PIV data for an advanced display of vector fields and its derivations when working with Tecplot® version 360-2008 and version 360-2009.

Operating systems

- ▶ Windows XP 32 bit
- ▶ Windows 7 32 bit, 64 bit

Tecplot® is a registered trademark of Tecplot, Inc.

LaVisionUK Ltd

Downsview House/ Grove Technology Park
Grove/ Oxon/ OX12 9FF, United Kingdom
E-Mail: sales@lavision.com / www.lavisionuk.com
Phone: +44-(0)-870-997-6532/ Fax: +44-(0)-870-762-6252

LaVision GmbH

Anna-Vandenhoeck-Ring 19
D-37081 Goettingen / Germany
E-Mail: info@lavision.com / www.lavision.com
Tel. +49-(0)551-9004-0 / Fax +49-(0)551-9004-100

LaVision Inc.

211 W. Michigan Ave. / Suite 100
Ypsilanti, MI 48197 / USA
E-mail: sales@lavisioninc.com / www.lavisioninc.com
Phone: (734) 485 - 0913 / Fax: (240) 465 - 4306