

## Introduction to the Community Platform on the History of Particle Image Velocimetry

<http://25-years-piv.dlr.de/wiki>

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The community platform is made of a wiki that supports collection and presentation of articles, images, sample data, publications, and the introduction of people involved in the development of Particle Image Velocimetry in the course of the past 25 years. After registration and approval of membership colleagues from the PIV-Community are invited to draw attention to their own very special findings on the track of making PIV to what it is in our days. Especially the widespread applications of PIV in Aerodynamics, Biology, Micro Flows, Turbulence and Boundary Layers, and many other fields of interest may be presented on the community platform.

This talk gives an introduction to the handling of the wiki and discovers the ideas behind the functions for content modification and the retrieval of information. It is to make for a quick start in taking advantage of the systems capabilities. Like the user instructions on how to operate the wiki start with the sentence "It's easy", the talk is intended to convey this credo.



The screenshot shows the website interface for "The History of Particle Image Velocimetry". At the top, there is a navigation bar with links for "contact", "imprint", and "sitemap". Below this is a large image of a green laser sheet illuminating a curved object in a flow field. A navigation menu below the image includes "PIV", "Articles" (highlighted), "Publications", "Community", and "Go WIKI". The main content area is titled "Articles" and displays two article entries. The first entry is titled "Application of Particle Image Velocimetry: Boundary layers" and includes a colorful flow visualization image and a short text description. The second entry is titled "Application of Particle Image Velocimetry: Propeller flows" and includes a propeller image and a short text description. On the right side, there is a "Display Selection" panel with checkboxes for "Attribution" (Hardware, System), "Topic" (Processing, Recording, Seeding), and "Application" (Aerodynamics, Boundary layer flows, High speed, Turbomachinery).

The central means of finding information inside the wiki is by searching on categories. To get there each record can be tagged with a variety of attributes. They are called "Classification Options" in the content editor. First of all, each article as a whole carries a set of attributes to cover its general scope. But also paragraphs, images, sample data sets or what ever content element inside an article can be tagged with an individual set of attributes. That makes possible a precise description of parts of content and hence enables for a well focused set of search results.