

Abstract for an Invited Paper  
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**eFluids Video Gallery: a “YouTube” for Fluid Mechanics**

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The research and educational value of videos of fluid mechanical phenomena cannot be overstated, yet there are literally hundreds of videos that, while posted on various websites, can be difficult to find. eFluids.com has launched a new video gallery website highlighting all aspects of fluid mechanics that will hopefully serve as a repository for this material. The gallery receives submissions using a user-friendly interface modeled on the popular YouTube site. Submissions can be in any format and any size up to 50MB and up to 5 minutes long. The galleries are searchable and are classified in 23 categories, including subject-specific categories such as “Laminar Flow,” “Turbulence,” “Vortices,” “Biological Flows,” etc., as well as “Recent Postings” and links to fluids videos on other sites such as YouTube. The Video Gallery is integrated with the other Galleries on eFluids, including the long-established Gallery of Images, Gallery of Experiments, and Gallery of Problems. The presentation will show examples, demonstrate the submission interface, and the integration with the other galleries. In collaboration with George Homsy and Gordon McCreigh, [www.eFluids.com](http://www.eFluids.com).