

Experimental Techniques in Hydraulics

Optical laboratory methods, as Particle Image Velocimetry (PIV), Particle Tracking Velocimetry (PTV), Laser Doppler Anemometry (LDA), acoustic techniques, as Ultrasonic Doppler Velocimetry (UVP, ADV) as well as field techniques for measuring velocity, sediment concentration, topography will be object of discussion.

This Master Class aims at bringing together PhD, MSc Students and young researchers developing or using experimental techniques both in the laboratory and in the field to measure flow variables or parameters of interest in Hydraulics. The Master Class is organized in the form of a workshop during which young researchers will present and discuss their research projects and results with the senior scientist.

