

**From:** Bratislav Lukic, ESRF & University of Manchester, 21/12/2023

**Subject:** Workshop 'Fluid dynamics meets Synchrotron X-ray high-speed imaging'

ESRF (European Synchrotron Radiation Facility), among many other topics in physics, deals with the use of intense X-ray radiation for probing matter, materials, and fast subsurface phenomena. In recent years the application of fast X-ray imaging in the domain of fluid dynamics has taken off.

We are organizing a workshop called 'Fluid dynamics meets Synchrotron X-ray high-speed imaging', which will take place on 21-22 March 2024, onsite at ESRF. Abstracts for oral presentations are due 1st February.

It is an outreach event aimed especially at experts in fluid dynamics, mechanics, and hydrodynamics who are not particularly experienced with synchrotron imaging techniques but whose research could benefit from such probes.

Apart from a strong scientific focus, we aim also to show how one can access such instrumentation and conduct experimental research at the ESRF ID19 beamline.

The website of the event is:

<https://www.esrf.fr/home/events/conferences/2024/fluid-dynamics-meets-synchrotron-x-ray-high-speed-imaging.html>.