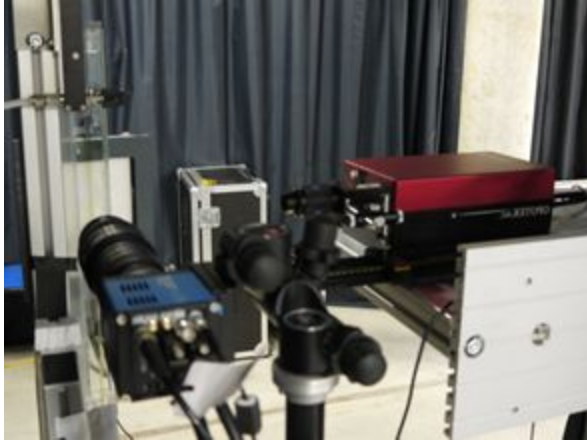
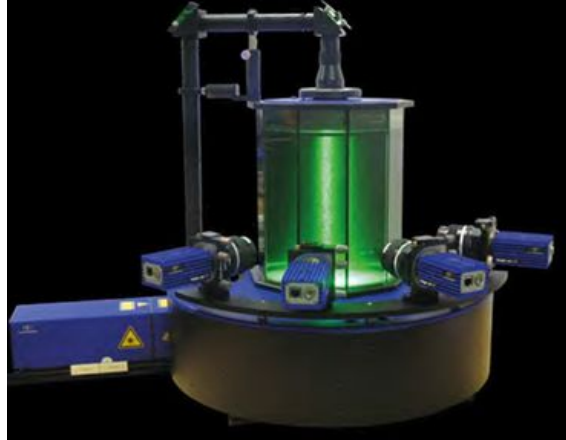


INP-ENSIACET Facilities Equipment Resources available for PIRE

Planar Laser Induced Fluorescence (PLIF) for two-phase flow interface tracking



Tomographic Particle Image Velocimetry (TomoPIV) for 3D flow in sedimentation experiments (available in 2018)



- Micro Raman spectroscopy
- Polarized light microscopy (Zeiss axio observer) equipped with a fast camera (Phantom Miro M320): in-situ study of crystallization - Phase orientation characterization- Observation of lamellar structures at interfaces.
- Inverted fluorescent microscopy equipped with a sensitive sCMOS camera (PCO EDGE): in situ monitoring of concentration and concentration gradient of tagged molecules.
- DSC microscopy platform (Linkcam) mounted on a Leica binocular (observation and recording enthalpy of nucleation and crystal growth)
- Fast and inexpensive platform for building microfluidic chips (PDMS and solvent compatible microfluidic chips (OSTEMER))
- Microfluidic platform coupled with SAXS and single crystal XRD from synchrotron source
- SAXS facility at LGC (RX XEUSS 2.0 by Xenocs) [0.2-25 nm]
- DLS, SLS
- Static and dynamic tensiometry
- Numerical codes for dispersed systems (FCM, Level Set)