LIÈGE université
Sciences Appliquées

PEPs CT

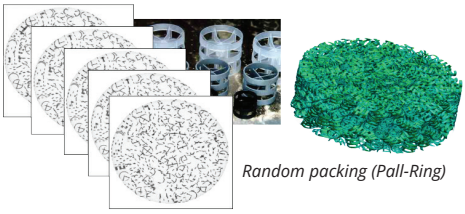
2D/3D TOMOGRAPHIC ANALYSIS FOR MATERIAL AND PROCESS CHARACTERISATION

X-ray macrotomography

PEPs-CT is a service platform of the University of Liège, dedicated to X-ray tomography of materials and processes and their 2D/3D characterisation.

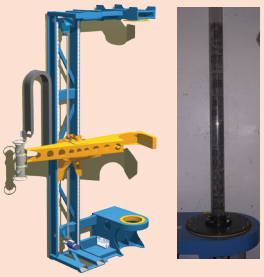
With 15 years of expertise, the platform offers services for tomographic acquisitions at different scales, in-situ (flow imaging) and ex-situ (convective drying) studies, 2D/3D image processing, tailored analyses, and measurements.

From 2D sections to 3D volume

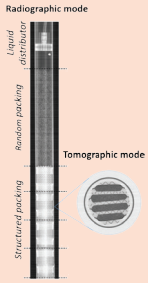


Random packing (Pall-Ring)

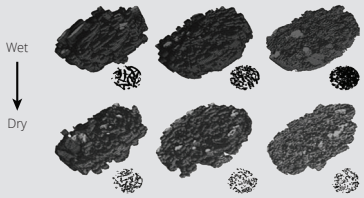
Equipment



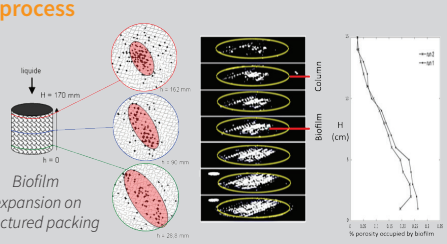
MacroTom (Custom-made) – 420 kV, 360µm



Sludge drying

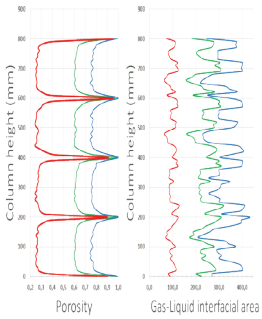


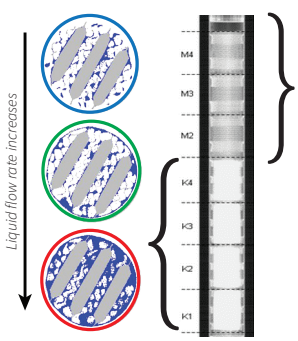
Bioprocess



Biofilm expansion on structured packing

In situ characterization of gas-liquid flow in structured packed beds

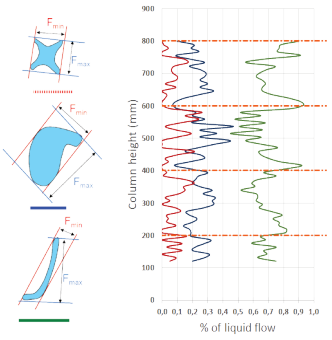




Distillation column packed with Mellapack and Katapack

Liquid flow morphology

Global and local quantification



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