

IMAGE - A fresh look at MRI: from healthcare to energy systems

Interdisciplinary project Kick-off

When: October 16, 2026, 9:00 AM - 4:30 PM

Where: Lepois Amphitheater, 9 Avenue de la
Forêt de Haye, Vandoeuvre-lès-Nancy

Free registration (required to attend):
<https://forms.gle/UnGJsVGCshh1HYLr7>

Join us for the IMAGE kick-off and
discover the latest advances in
MRI while networking with leading
experts!

Program of the event

9h00 Morning Coffee

9h30 Introduction to the IMAGE project by the core team

10h45 **Simon Chatelin** | iCube laboratory, Strasbourg |
“Multimodal magnetic resonance elastography for biomechanical
modeling and biomaterials”

11h15 **Feryal Guerroudj** | Department of Applied Chemistry,
Chalmers University | “Chemical engineering applications for
sustainable industries using MRI”

11h45 **Kristine John** | MRI flow laboratory, Rostock University |
“Magnetic Resonance Velocimetry as a High-Fidelity Measure-
ment Technique for Engineering Applications”

12h15 Lunch break

14h00 **Pilar Sango** | CREATIS laboratory, Lyon | “From measure-
ment to biomarker: the contribution of Optimal Control in MRI”

14h30 **Freddy Odille** | IADI laboratory, Nancy | “Advanced
methods in clinical imaging at the University of Lorraine”

15h00-16h30 Tour of the facilities



The LEMTA's NMR/MRI Platform: An ensemble of instru-
ments dedicated to studying complex fluids, transfer
phenomena, and flow in porous media



The Im'pulse Platform: A cutting-edge 3T MRI facility dedi-
cated to advancing medical imaging and developing health
technologies for both clinical and non-clinical research.

Interdisciplinarity



Transferring MRI methodologies
from Healthcare to the Energy
and Process Engineering sectors

Innovation & Reliability



Improving the reliability of the
latest clinical MRI techniques by
leveraging the complementary
expertise of mechanical and energy
engineering laboratories

Technology transfer to Industry



Transferring the knowledge to
the Energy and Process Industries
to effectively contribute to the
energy transition



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