

REALM Academy Workshop: From Data Federation to Medical AI Model Evaluation

AGENDA

Date: 14th April 2026

Venue: HOEK 38 (Rue de Louvain 38, 1000 Brussels, Belgium)

Time	Title	Presenter
8:45-9:15	Welcome & coffee	
9:15-9:35	Opening	Michel Dumontier, <i>Maastricht University</i> Gökhan Ertaylan, <i>VITO</i>
10:20-12:10	The REALM Concept and Implementation <i>Overview of the REALM concept and implementation, covering its motivation in evaluating AI as a medical device, system architecture, and key technical pillars such as FAIR data, OMOP, secure federation, and model evaluation.</i>	Georgios Tsiamitas <i>METAMIND</i> <i>INNOVATIONS P.C.</i>
10:00-10:20	Coffee break	
10:20-12:10	End-to-End Demonstration of the REALM Platform <i>This session provides an end-to-end demonstration of the REALM platform, showcasing the full model evaluation workflow - from onboarding and dataset selection to results and model card generation - along with user experience, key features, and interactive discussion.</i>	Guilherme Madureira Sanchez Ribeiro, <i>Comunicare</i> <i>Solutons SA</i>
12:10-13:00	Lunch	
13:00-14:30	REALM National Nodes and Data Federation <i>REALM approach to national nodes and data federation, highlighting federated architecture, common data standards, and practical insights from node implementations, data access frameworks, and synthetic data use.</i>	Aris Bonanos, EXUS Frederic Jung, VITO Emmanouil Spanakis, Traqbeat Sung Chang, <i>Maastricht University</i>
14:30-15:00	Coffee break	
15:00-15:45	The Model Card: Transparency and Trust <i>Exploring the Model Card framework as a tool for transparency and trust in medical AI, covering its structure, key components, and practical</i>	Ankur Lohachab, <i>Maastricht University</i>

	<i>applications for different stakeholders through examples and interactive discussion.</i>	
15:45-16:30	The European Ecosystem Context – panel discussion	Janaki Raman Rangarajan, VPH Institute (Moderator)
16:30-17:00	Closing session	Michel Dumontier, <i>Maastricht University</i> Gökhan Ertaylan, <i>VITO</i>