



REALM Academy Training:

How to realize safe and effective AI in clinical practice

Date: 19-06-2026

Location: Herman Teirlinck - 01.04 - Transitielab (Brussel - Herman Teirlinck)

Address: Havenlaan 88, 1000 Brussels

Registration form: <https://www.realm-ai.eu/realm-academy-training-how-to-realize-safe-and-effective-ai-in-the-clinical-practice>

Time	Session	Speaker
9:15-10:45	Session 1: <ul style="list-style-type: none">Welcome and introductionThe REALM project and its goalsMapping current regulatory complexities in AI Medical Devices (MDR, IVDR and AI-Act)	Bart Elen , <i>VITO</i> Rebekka Vanhof , <i>VITO</i> Michel Dumontier , <i>Maastricht University</i> Dominika Harasimiuk , <i>University of Warsaw</i>
10:45 -11:00	Short break	
11:00-12:00	Session 2: <ul style="list-style-type: none">Evaluating AI based MDSW - The REALM Standard MDSW Evaluation Framework and Methodology (SMEF and SMEM)	Bart Elen , <i>VITO</i>
12:00 -13:00	Lunch break	
13:00-14:45	Session 3: <ul style="list-style-type: none">Is Your Data Good Enough? A Practical Introduction to the Standard Data Quality Framework (SDQF)Establishing model transparency – The REALM on blockchain model cards	Chang Sun , <i>Maastricht University</i> Ankur Lohachab , <i>Maastricht University</i> Philippe Lambin , <i>Maastricht University</i>



	<ul style="list-style-type: none"> Clinical impact - In silico trial for validation of AI 	
14:45 -15:00	Coffee break	
15:00-16:30	<p>Session 4: REALM future innovations:</p> <ul style="list-style-type: none"> Synthetic data generation for in depth model evaluations Automated performance monitoring for guaranteed model performance REALM future perspective (where is REALM heading to) 	<p>Mahmoud Ibrahim, <i>Maastricht University</i></p> <p>Bart Elen, <i>VITO</i></p> <p>Michel Dumontier, <i>Maastricht University</i></p>
16:30	Training end	