

Class of IAHSI - 2023



Anita Burgun

Anita Burgun is Professor of Biomedical Informatics at Université Paris Cité and head of the Medical Informatics Department in two APHP hospitals, the European Georges Pompidou Hospital and Necker Enfants Malades Hospital. She has a background in symbolic AI and ontology and develops hybrid modelling. She has been involved in several research projects, e.g., the RHU C'IL-LICO on ciliopathies, or the EU COST Action Harmoniz@tion. Her research focuses on AI approaches for AI that can learn from a limited number of cases, with complex phenotypes and complex biological mechanisms. Future directions include digital twin development based on both mechanistic knowledge and holistic multimodal patient representation. A. Burgun is a fellow of the Paris AI Institute (PR[AI]RIE) where she leads a research program on hybrid AI for rare diseases (<https://prairie-institute.fr/chairs/burgun-anita/>).