

MARDI
1^{er} NOVEMBRE 2022
COLLOQUE DESS
VIRTUEL

HEURE : 11h à 12h

LIEU : via Webex

Managing data through the lens of an ontology: a journey from semantic networks to knowledge graphs

INTERVENANT :

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DESCRIPTIF :

While data constitute one of the most important components of an AI system, the majority of research efforts today focus on ML models and algorithms, with the properties of data feeding such algorithms playing a secondary role. Thus, shifting the attention to data has been proposed as one of the most timely topics in AI research, under the name of Data-Centric AI. Arguably, the field of Knowledge Representation and Reasoning (KRR), and in particular the paradigm of Ontology-based Data Management, can provide important contributions towards shaping the research on Data-Centric AI. In this talk I will try to summarize the most important steps of the research done at the crossing between KRR and Data Management in the last decades, from the early work on Semantic Networks to the investigation on ontologies and Knowledge Graphs.

Recommandé par la Société Suisse des Spécialistes en prévention et santé publique (SPHD) pour la reconnaissance de la formation continue.

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