

## Arne J. Berre

Chief Scientist at SINTEF Digital

### Biography

Dr. Arne J. Berre is Chief Scientist at SINTEF Digital. He is extending experiences from AI-driven Cognitive Digital Twins and Data spaces/Data Lakes for Manufacturing and Process industries from the COGNITWIN, COGNIMAN and Circular TwAI projects to Federated and Interoperable Intelligent Environmental Digital Twins.

He is the scientific coordinator of the European Green Deal, ILIAD, Digital Twin of the Ocean project, and the AqualNFRA EOSC project and involved in the Mission Ocean projects DTO-BioFlow, SEADITO and CLIMAREST and the BioClima project on Climate impacts on Biodiversity. He is involved in ISO SC42 Artificial Intelligence and the ISO SC41 IoT and Digital Twin group, ISO/TC211, OGC (Open Geospatial Consortium) and DTC (Digital Twin Consortium). He is a co-leader of the BDVA task force on AI and Big Data Standards and Benchmarking.



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