Contribution ID: **103** Type: **Poster**

# The interTwin IMS. Paving the way for the project exploitation

*Tuesday, 1 October 2024 18:00 (1 hour)*

interTwin co-designs and implements the prototype of an interdisciplinary Digital Twin Engine (DTE) - an open-source platform based on open standards, that offers the capability to integrate with application-specific Digital Twins (DTs). Its functional specifications and implementation are based on a co-designed interoperability framework and conceptual model of a DT for research - the DTE blueprint architecture. The ambition of interTwin is to create consensus on a common approach to the implementation of DTs that is applicable across the whole spectrum of scientific disciplines that will facilitate developments and interoperability across different DTs.

This poster depicts the interTwin Innovation Management System (IMS), the framework developded by the project that ensures that all project results are systematically captured, assessed for exploitation readiness and validated along with an improvement cycle to strengthen them. The IMS includes activities for 1) understanding the market, technological and political context of the project in order to provide the necessary market pull information to feed to the project solutions, 2) Capturing and identifying project results including the ownership, intellectual property and protection mechanisms and future access conditions to push technologies and services to the up to the market, 3) and preparing and monitoring exploitation, business and sustainability plans.

Main aim of the poster is to seek and foster discussion among conference participants about exploitation and collaboration opportunities, as the project is heading towards the final year, the first release of the SW components has been made available, early key exploitable results have been described. As in general to discuss how an innovation management framework can help to maximise the exploitation opportunities and therefore, the impact of Horizon Europe projects.

## Topic

Needs and solutions in scientific computing: Digital Twins

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**Session Classification:** Demonstrations & Posters