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Digital Twins for GEOphysical extremes

Thursday 13 October 2022 09:00 (45 minutes)

With present computational capabilities and data volumes entering the Exascale Era, digital twins of the Earth system will be able to mimic the different system components (atmosphere, ocean, land, lithosphere) with unrivaled precision, providing analyses, forecasts, and what if scenarios for natural hazards and resources from their genesis phases and across their temporal and spatial scales.

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