

# Artificial Intelligence and Machine Learning in DestinE – 3<sup>rd</sup> DestinE User eXchange

Chairs: Mariana Clare (ECMWF) &  
Miruna Stoicescu (EUMETSAT)

*October 16<sup>th</sup> 2024*





- Machine Learning for DestinE at ECMWF, *Joffrey Dumont Le Brazidec (ECMWF)*
- A Data-Driven Digital Twin for On-Demand Extreme Simulation, *Thomas Nipen (Met Norway)*
- DestinE User Feedback and AI/ML capabilities, *Sébastien Tétaud (ESA)*
- DestinE Sea Ice Decision Enhancement Using AI, *Lass Rabsenstein (Drift + Noise Polar services)*
- Facilitating Artificial Intelligence Activities in the DestinE Data Lake, *Miruna Stoicescu (EUMETSAT)*
- Prediction of Algae Blooms in the Baltic Sea based on DestinE data, *Tobias Edman (Research Institutes of Sweden)*
- Panel discussion



Jakob Schlör (*ECMWF*), Thomas Nipen (*Met Norway*)  
Sébastien Tétaud (*ESA*), Lass Rabsenstein (*Drift + Noise Polar services*)  
Miruna Stoicescu (*EUMETSAT*), Tobias Edman (*Research Institutes of Sweden*)

Moderator: Mariana Clare (*ECMWF*)



<https://app.sli.do/event/sMs2HVB3S263gePm7cgXVX>



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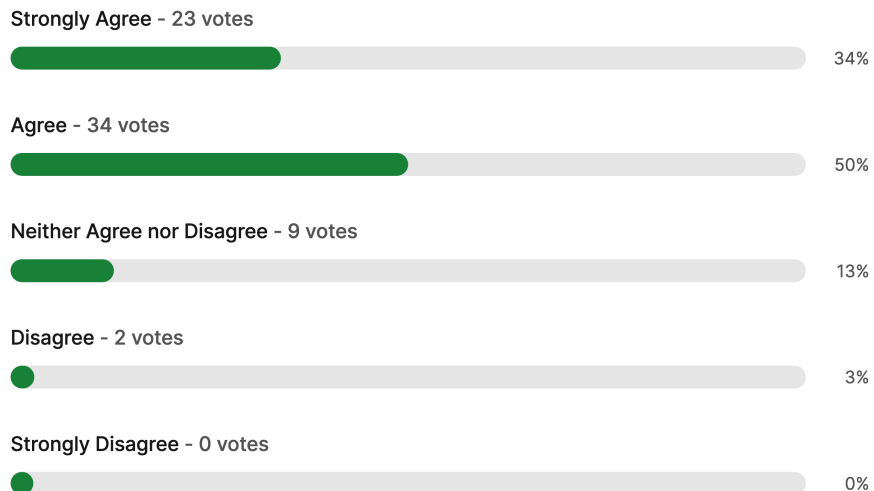




# Poll results 2<sup>nd</sup> Destination Earth User eXchange

## In the next coming years Machine Learning will change the way I work

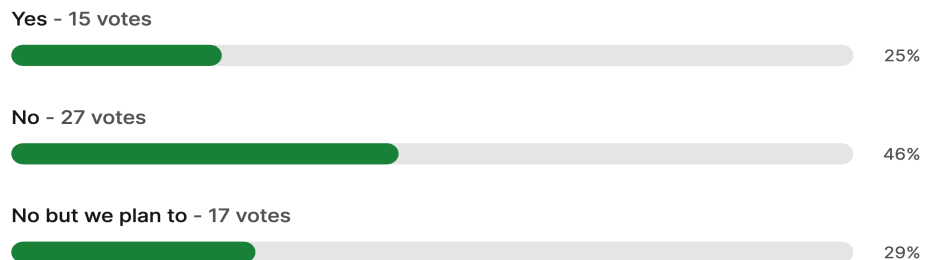
Multiple Choice Poll 68 votes 68 participants



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## Are you using Machine Learning techniques in your DestinE digital twin applications?

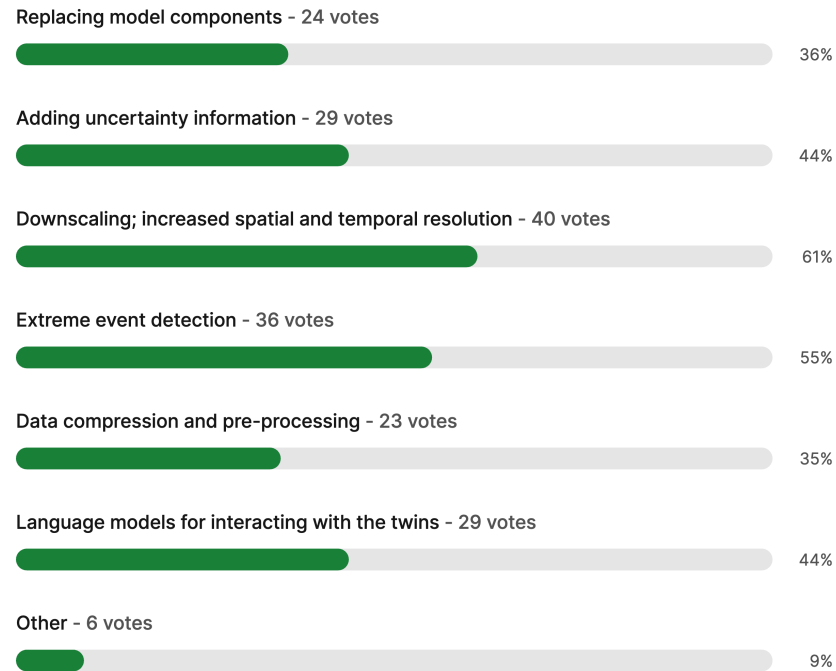
Multiple Choice Poll 59 votes 59 participants



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## Where do you think are the easy wins for Machine Learning in using Machine Learning in the context of the DestinE twins?

Multiple Choice Poll 66 votes 66 participants



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