

WEBINAR



PHIDIAS

in collaboration with



Steps forward in detection and identification of anomalous atmospheric events

13th October 2020, 15:00 - 16:00 CEST

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Pascal Prunet
WP4 Leader, SPASCIA

Nicolas Pascal
ICARE

Dominique Jolivet
HYGEOS

Xavier Espinal
ESCAPE project

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Objectives

- ❖ **Develop a catalogue** that will allow users to discover and access data, open-source software, public Application Programming Interfaces (APIs) and interactive processing services.
- ❖ **Optimise and industrialize workflows** to allow the largest degree of reusability of data as possible.
- ❖ Implement an end-user web common interactive processing service based on notebook and datacube technologies allowing new users to easily have **open access to HPC** capacities and develop new algorithms.
- ❖ **Improve the FAIRisation** of satellite and environmental datasets and preserve FAIR (Findable Accessible Interoperable Reusable) datasets into a Remote Data Access (RDA) certified repository.
- ❖ **Develop new data pre-processing models** coupled with HPC capabilities, by building a new and innovative on-the-fly computing service for smart processing of data, addressing the problem of efficient filtering and on-the-fly first diagnostics on incoming in-situ data.
- ❖ **Deploy data post-processing methods** as a service for several end-users, including scientific communities, public authorities, private entities and citizen scientists.

Consortium of 13 committed partners from 5 different EU countries, led by **CINES** (*French national Computing Centre for Higher Education*)



WEBINAR 4th June 2020 - 11.00am (CEST)

PHIDIAS In collaboration with **Blue-Cloud**

Boosting the use of cloud services for marine data management, services and processing

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Speakers

Cécile Nys IFREMER	Alexander Barth ULIEGE	Peter Thijsse MARIS	Jukka Seppala SYKE	Pasquale Pagano CNR-ISTI & Blue-Cloud Project
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WEBINAR

PHIDIAS HPC
Building a prototype for Earth Science Data and HPC services

13th February 2020, 10 AM CET

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Boris Dintrans
CINES & PHIDIAS Coordinator

Pascal Prunet
WP4 Leader, SPASCIA

J.C. Desconnets
WP5 Leader, IRD

Cecile Nys
WP6 member, IFREMER

Aleksi Kallio
CSC IC Center for Science

Next Webinar will be on «Big Data Earth Observation» Use Case –
All recorded Webinars are available on Phidias HPC website under the Webinar page

 <https://www.phidias-hpc.eu/events/webinars/>

Webinar Agenda



🌱 15:00 - 15:05 - **Introduction of PHIDIAS project**

🌱 Francesco Osimanti, Trust-IT Services, PHIDIAS WP7 Leader



🌱 15:05 - 15:15 - **Thematic and objective: proposed approaches and available Sentinel measurements**

🌱 Pascal Prunet, SPASCIA & PHIDIAS WP4 Leader



🌱 15:15 - 15:25 - **HPC/HPDA Infrastructure and capacities for implementing intelligent screening in an operational context**

🌱 Nicolas Pascal, ICARE & SPASCIA Technical Partner



🌱 15:25 - 15:30 - **Q&A Session**

🌱 15:30 - 15:40 - **Implementation of processing and products**

🌱 Dominique Jolivet, HYGEOS & SPASCIA Technical Partner



🌱 15:40 - 15:50 - **ESCAPE: A dive into a Datalake for Open Science**

🌱 Xavier Espinal, CERN & ESCAPE project

🌱 15:50 - 16:00 - Q&A and Closing Remarks

Thank-you

Francesco Osimanti, Trust-IT & PHIDIAS WP7 Leader

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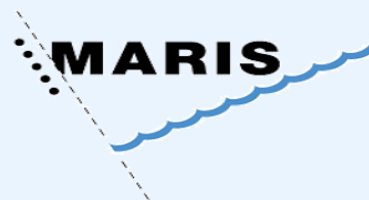
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