

SmartShip Project Newsletter

WELCOME TO THE SMARTSHIP NEWSLETTER

We are thrilled to welcome you to the inaugural edition of the SmartShip Project Newsletter.

This newsletter aims to serve as a vital communication channel, providing you with regular updates, insights, and developments related to the project's progress. Our goal is to keep you informed about the latest achievements, research breakthroughs, upcoming events, and collaborative efforts within the SmartShip community.

By staying connected through this newsletter, you will gain deeper insights

into the innovative advancements shaping the maritime landscape. We believe that your engagement and involvement will further enrich our collective efforts to enhance vessel efficiency, safety, and environmental sustainability.

We encourage you to explore the articles, features, and resources within this newsletter, and we hope it will inspire you to actively participate in the conversations and initiatives that the SmartShip project has to offer.

TRACLETS

In the age of advanced mobile devices and tracking sensors, we find ourselves swimming in a sea of data each day. The challenge lies in uncovering meaningful insights from this vast expanse of information. That's where novel methodologies come into play, and we're thrilled to introduce Ioannis Kontopoulos, Antonios Makris, and Konstantinos Tserpes' recent research in this area.

The Harokopio University of Athens team has been hard at work developing cutting-edge trajectory classification algorithms that bring clarity to tracking data. With the rise of computer vision techniques and the power of image representations, we're thrilled to present the software: TraClets.





PARTNER SPOTLIGHT: DANAOS SHIPPING CO. LTD

This month's newsletter partner spotlight is dedicated to SmartShip partner and project coordinator Danaos Shipping Co. LTD.

Founded in 1972, Danaos Shipping Co. LTD has a long history of operating and investing in the shipping industry. It is one of the world's largest independently owned fleet of modern, large-size containerships.

Danaos is also a dominant player in bona fide and applied research, focused on maritime, and currently is participating in 34 European RIA projects.

Danaos is the SmartShip project coordinator. It ensures that the project is managed in an efficient and effective way and that the required quality of the work and results are guaranteed.

It ensures that proper quality standards are met within the project.

Danaos Shipping contributes and shares its long experience in the design of cutting-edge Maritime Information Systems (MIS) and OR modelling in cooperation with its affiliate, Danaos Management Consultants SA.

It also shares knowledge on a) the multiple sets of requirements arising regarding a vessel's operation from numerous stakeholders and b) existing solutions towards meeting such requirements.

*"We strongly believe that innovative technology is a source of competitive advantage for us as a shipping company."
John Coustas, President & CEO of Danaos Co.*



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[TraClets : A trajectory representation and classification library](#)