

## **International Workshop ERC "World Seastems"**

### **Maritime Networks in Space and Time**

#### **Institute of Complex Systems, Paris & Ile-de-France**

**16th -18th June 2014**

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The World Seastems project aims to map and to analyze the changing spatial pattern of the world economy across 300 years from a maritime perspective. It will exploit untapped vessel movement data on a world scale since 1734, date of the first publication of Lloyd's List. Such data offer disaggregated information on weekly inter-port flows with detailed descriptions of vessels as well as their dates of departure and arrival at world's ports. Despite the vital importance of maritime transport for economic development and international trade, no research has been done on the long-term evolution of the global maritime network.

In a multidisciplinary fashion, the project questions both the contribution and the resilience of port activities and shipping routes to the transformations of the world system and economy from the local level to the global level. It will provide novel results about world systems theory, network theory, and location theory.

This international workshop on maritime flows and networks wishes to gather worldwide scholars and experts from all scientific and disciplinary backgrounds to introduce and discuss their researches on various related issues. This is a multi-disciplinary event which will investigate how maritime flows and networks of any kind can be analyzed in order to answer major industry and wider societal challenges.

#### **Contributions will deal with themes such as:**

- **ancient and contemporary shipping routes and corridors;**
- **regionalisation and globalisation dynamics in world maritime trade;**
- **global production networks and logistics/supply/value/commodity chains;**

- **multimodal transportation, hinterlands and the land-sea interface;**
  - **port systems, centrality, hubs, maritime ranges and forelands;**
  - **port-city relationships, merchants and intermediaries, urban systems, global cities;**
  - **network security, congestion, disruption, vulnerability, and optimisation;**
  - **network design and routing, port choice and shipping line competition;**
  - **technological change in shipping and port operations, time and cost factors;**
  - **climate change, bioinvasions and environmental sustainability;**
  - **mobility, migrations, cultural exchanges, knowledge diffusion, tourism, voyages and discoveries.**
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**More information on the workshop:**

[www.world-seastems.cnrs.fr/](http://www.world-seastems.cnrs.fr/)

**The Project "World Seastems" information:**

[https://cordis.europa.eu/projects/rcn/107041\\_en.html](https://cordis.europa.eu/projects/rcn/107041_en.html)

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# World Seastems

Seventh Framework Programme (FP7) / European Research Council Starting Grant

What's news ?

Project synopsis

Project outline

An ERC funded project

The WS Research Team

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## WHAT'S NEWS ?

### Project news & website updates

#### **Project news (updated: March 31, 2014).**

- 1st International Workshop ERC "World Seastems": final programme of the workshop updated ([online version](#)).

#### **Project news (updated: March 28, 2014).**

- 1st International Workshop ERC "World Seastems": The final programme of the workshop is available [online](#).
- March 6, 2014 : Inauguration of new research premises for Complex Systems Institute of Paris Ile-de-France, where WS Research Team is housed. Nora MAREÍ, Sébastien Haule with the help of Saber MARROUCHI presented the project and the World Seastems database building process.



*ISCIF, March 6, 2014: Sébastien HAULE & Nora MAREÍ (Photograph courtesy of Marion Le Texier).*

#### **Website updated: March 31, 2014.**

- 1st International Workshop ERC "World Seastems" webpage updated (List of workshop participants).

#### **Website updated: March 28, 2014.**

- Creation of a news column about project news and website updates.
- 1st International Workshop ERC "World Seastems" webpage updated (List of workshop participants).
- World Seastems Research Team webpage updated.
- Oral presentations webpage updated.

