

# Maritime networks in time and space

## Workshop programme (provisional)

### DAY 1 - Monday 16th June 2014

#### Keynote speeches

Time slot	Title
9h00-9h10	<b>Welcoming address 1</b>
	Laurence GAREAUX - <i>Institute of Complex Systems Paris Ile-de-France (ISC-PIF)</i>
9h10-9h20	<b>Welcoming address 2</b>
	Arnaud BANOS - <i>CNRS &amp; UMR 8504 Géographie-cités, Paris, France</i>
9h20-9h30	<b>Workshop introduction</b>
	César DUCRUET - <i>CNRS, Paris, France</i>
9h30-10h00	<b>Merchant networks in the 'Asian Mediterranean'</b>
	François GIPOULOUX - <i>Ecole des Hautes Etudes en Sciences Sociales (EHESS), Paris, France</i>
10h00-10h30	<b>City networks and transportation systems on the long-term period</b>
	Anne BRETAGNOLLE - <i>University of Paris 1, France</i>

10h30-11h00 Coffee break

Time slot	Title
11h00-11h30	<b>Spatial networks</b>
	Marc BARTHELEMY - <i>Commissariat à l'énergie atomique et aux énergies alternatives (CEA), Paris, France</i>
11h30-12h00	<b>Shipping line networks</b>
	Antoine FREMONT - <i>Réseau Ferré de France (RFF), Paris, France</i>
12h00-12h30	<b>Round table (discussion)</b>

12h30-14h00 Lunch break

#### Session 1: The analysis of historical maritime networks [1]

Time slot	Title
14h00-14h30	<b>How technology and geography influence network dynamics</b>
	Ray RIVERS - <i>Imperial College London, United Kingdom</i>
	Carl KNAPPETT - <i>University of Toronto, Canada</i>
	Tim EVANS - <i>Imperial College London, United Kingdom</i>
14h30-15h00	<b>ORBIS: First of many worlds?</b>
	Elijah MEEKS - <i>Stanford University Libraries, USA</i>
	Karl GROSSNER - <i>Stanford University Libraries, USA</i>
	Walter SCHEIDEL - <i>Stanford University Departments of Classics and History, USA</i>
15h00-15h30	<b>Modeling Venice's maritime network - End 13th to Mid. 15th centuries</b>
	Mélanie FOURNIER - <i>Dalhousie University, Canada</i> ; Yannick ROCHAT & Frédéric KAPLAN - <i>Ecole Polytechnique Fédérale de Lausanne, Digital Humanities Laboratory, Lausanne, Switzerland</i>

15h30-16h00 Coffee Break

#### Session 2: The analysis of historical maritime networks [2]

Time slot	Title
16h00-16h30	<b>Navigocorpus. A database for shipping and trade</b>
	Silvia MARZAGALLI - <i>Université Nice Sophia Antipolis &amp; Institut Universitaire de France</i>
16h30-17h00	<b>Networks of oil and water: Pennsylvania's global petroleum industry and its urban footprint in Philadelphia (1860s-2014)</b>
	Carola HEIN - <i>Bryn Mawr College (Pennsylvania), Growth and Structure of Cities Department, USA</i>
17h00-17h30	<b>'Knots', port authorities and governance: comparing the governance of port connectivity in three major European ports</b>
	Luis Lobo-GUERRERO & Anna STOBBE - <i>Chair Group on History and Theory of International Relations, University of Groningen</i>

## DAY 2 - Tuesday 17th June 2014

### Session 3: Dedicated "World Seastems" session [1]

Time slot	Title
9h00-9h30	<b>The complex corpus of Lloyd's List periodicals: from collection to extraction</b>
	Sébastien HAULE & Kamel AIT-MOHAND - CNRS, Paris, France
9h30-10h00	<b>Changing Mediterranean maritime networks</b>
	Nora MAREI - CNRS, Paris, France
10h00-10h30	<b>Ports and shipping routes in the "first globalization" phase (1890-1925)</b>
	Bruno MARNOT - University of La Rochelle, France

10h30-11h00 Coffee break

### Session 4: Dedicated "World Seastems" session [2]

Time slot	Title
11h00-11h30	<b>Port-city evolutions in the 1950-2010 period</b>
	Félix ATTIA - University of Paris 1, France
11h30-12h00	<b>Complex network measures applied to global maritime flows (1890-2010)</b>
	César DUCRUET - CNRS, Paris, France
12h00-12h30	<b>Polarization of oceanic areas and shape of the global network of shipping containerized traffic at the dawn of the 1990s</b>
	Olivier JOLY - University of Le Havre, France

12h30-14h00 Lunch break

### Session 5: Maritime network dynamics

Time slot	Title
14h00-14h30	<b>The multiplier attachment: A shipping network architecture</b>
	Francesca MEDDA & Simone CASCHILI - UCL QASER Lab, University College London, London, United Kingdom
14h30-15h00	<b>Modelling the emergence of world's direct shipping lines: An uncertainty analysis</b>
	Ronald HALIM & Lóránt TAVASSZY - Delft University of Technology, Transport and Logistic Group, Delft, The Netherlands
15h00-15h30	<b>Random walks in dynamic maritime networks</b>
	Frédéric GUINAND & Yoann PIGNÉ - LITIS Laboratory, University of Le Havre, France

15h30-16h00 Coffee break

### Session 6: Diffusion and vulnerabilities in maritime networks

Time slot	Title
16h00-16h30	<b>The complex network of cargo ship movements and its importance in marine bioinvasion</b>
	Michael GASTNER - Institute of Technical Physics and Materials Science, Research Centre for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary
16h30-17h00	<b>Maritime network vulnerability to cascading failures</b>
	Serge LHOMME - Ecole des Ingénieurs de la Ville de Paris (EIVP), Paris, France
17h00-17h30	<b>Maritime network evolution under crisis: The case of North Korea</b>
	Stanislas ROUSSIN - ASEM Institute, Seoul, Republic of Korea

18h00 Departure to the Gala Dinner (Seine River Cruise)



## DAY 3 - Wednesday 18th June 2014

### Session 7: Maritime networks and trading flows

Time slot	Title
9h00-9h30	<b>Impacts of Northern Sea Route on natural resources logistics map in East Asia: South Korea's case</b> Sung-Woo LEE - Korea Maritime Institute (KMI), Seoul, Republic of Korea
	<b>Explaining international trade flows with shipping-based distances</b>
9h30-10h00	David GUERRERO - Institut Français des Sciences et Technologies des Transports, de l'Aménagement et des Réseaux (IFSTTAR), France
10h00-10h30	<b>Think inside the box</b>
	Yann ALIX - SEFACIL Foundation, Le Havre, France
	Jean-François PELLETIER - CPCS, Canada

10h30-11h00 Coffee break

### Session 8: Patterns in maritime networks

Time slot	Title
11h00-11h30	<b>Visualizing regional structures in global maritime flows</b> Françoise BAHOKEN - Institut Français des Sciences et Technologies des Transports, de l'Aménagement et des Réseaux (IFSTTAR), France
	<b>Stochastic blockmodeling applied to global maritime flows</b>
11h30-12h00	Charles BOUYEYRON - Laboratoire MAP5, Université Paris Descartes Pierre LATOUCHE & Rawyia ZREIK - Laboratoire SAMM, Université Paris 1 (Panthéon-Sorbonne)
12h00-12h30	<b>Maritime trajectory patterns</b>
	Laurent ETIENNE - Naval Academy Research Institute, Brest, France
	Thomas DEVOGELE - University of Tours, Blois, France

12h30-14h00 Lunch break

### Session 9: Intermodal maritime networks

Time slot	Title
14h00-14h30	<b>The Weastflows Project: freight transport spatial interactions and territorial dynamics in North West Europe</b> Juliette DUSZINSKI, Jean-François MARY, Lucile AUDIEVRE & Mathilde MUS Agence d'Urbanisme de la Région Havraise (AURH), Le Havre, France
	<b>The Europe-Asia multimodal corridor</b>
14h30-15h00	Jérôme VERNY - NEOMA Business School, Rouen, France
15h00-15h30	<b>Emergence and inter-connectivity of land-sea networks</b>
	Igor LUGO - National Autonomous University of Mexico (UNAM), Regional Center for Multidisciplinary Research (CRIM), Mexico

15h30-16h00 Coffee break

### Session 10: China's maritime networks

Time slot	Title
16h00-16h30	<b>The British and Japanese shipping network in China in 1920s</b>
	Liehui WANG - Center for Modern Chinese City Studies, East China Normal University, Shanghai, China Lie YANG - College of History and Social Development, Shandong Normal University, Jinnan, China
	<b>Canton-Hong Kong-Macau: A historical review on the intercity competitions and interactions of the three commercial centers of the Pearl River Delta before the 20th century</b>
16h30-17h00	Ka-Chai TAM - Department of History, Hong Kong Baptist University, Hong Kong, China Adolf K.Y. NG - Department of Supply Chain Management, I.H. Asper School of Business, University of Manitoba, Winnipeg, Manitoba, Canada
17h00-17h30	<b>Maritime shipping of raw oil in China Mainland: Spatial pattern, evolution and dynamic</b> Chengjin WANG & Wei WANG - Key Laboratory of Regional Sustainable Development Modelling, Institute of Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences (CAS), China
17h30-18h00	<b>Workshop conclusion &amp; discussion on publication opportunities</b>