



NECTAR 2017 International Conference  
May 31 – June 2, 2017, Madrid, Spain

**Call for papers for the thematic session of  
Cluster 3 – Logistics and Freight**

## **Hyperconnected logistics**

Recent advancements in information and communication technology (ICT) – the internet of things (IoT) being a notable example – have led to an increasing data availability, which in many cases can be categorised ‘big data’. This development coincides and reinforces the physical internet paradigm, as put forward by Benoit Montreuil. To make this paradigm into reality, not only technical and technological innovations are required, but also operational improvements, new business models and adapted simulation models are to be developed. Following these developments, hyperconnected logistics are becoming reality. Examples such as freight exchange platforms can be witnessed in inland transport, where synchromodal transport is currently a booming research topic. Also in an urban environment, ICT developments bring opportunities for innovative logistics concepts such as crowd logistics, capacity-sharing solutions, synergies with public transport etc.

**Topics of Interest.** The meeting aims to elaborate further on research on hyperconnected logistics and invites papers dealing with innovative logistics’ solutions enabled by novel ICT developments, big data analytics, real-time data manipulation etc. Contributions can deal with transport modelling, business modelling, optimization and governance in different logistics segments such as city logistics, hinterland transport and maritime shipping.

Deadline for abstract submission: 30 January 2017.

Abstracts should be submitted electronically, using the form available on the Conference website:

<http://eventos.ucm.es/go/nectar2017conference>

Criteria for acceptance: the scientific quality of the abstract and NECTAR membership. The number of participants of this thematic session will be limited to 8.

**A copy of the abstract** should also be sent to Cathy Macharis ([Cathy.Macharis@vub.ac.be](mailto:Cathy.Macharis@vub.ac.be))

Notification of acceptance: 26 February 2017.

**Venue:**

The NECTAR conference will be organized by three institutions: Institute for Prospective Technological Studies (JRC), University Complutense of Madrid (UCM) and the Polytechnic University of Madrid (UPM). Venue is the Polytechnic University of Madrid (UPM), Madrid, Spain.

**Participation and NECTAR membership**

Registration, meals and accommodation for two nights (May 31, June 1) will be offered to NECTAR members, for only one author per paper. All practical details will be communicated through the conference website. In order to participate in the Conference, a consecutive and current two-year NECTAR membership is necessary. Non-members can find details of how to join the association on the “Membership” page of NECTAR’s website:

[www.nectar-eu.eu/membership](http://www.nectar-eu.eu/membership)

Looking forward to meeting you in the spring of 2017 in Madrid!

NECTAR cluster 3 co-chairs

Cathy Macharis

Sandra Melo,

Johan Woxenius

Anne Goodchild

**NECTAR** is a European-based scientific association. The primary objective is to foster research collaboration and exchange of information between experts in the field of transport, communication and mobility from all European countries and the rest of the world. It is a multidisciplinary social science network bringing together a wide variety of perspectives on transport and communication problems and their impacts on society in an international perspective. For further information on NECTAR, use the link: <http://www.nectar-eu.eu>.