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Intermodality and sychromodality in the European Modular System

Cluster 3 Logistics and Freight

Call for Papers

NECTAR Cluster 3 is planning to organize an online cluster meeting on the 3rd and 4th of June 2021. The topic chosen is “**European Modular System**”.

Main topic

European Modular System (EMS) is a concept applied in road transport allowing combinations of existing load units (modules) to be used in longer and sometimes heavier vehicle assemblies on certain roads. EMS improves the efficiency of road transport thus reducing its environmental impact. After long negotiations, the EU has reached a compromise allowing the use of longer and heavier vehicles throughout the European network on the condition of using existing standardized EU modules: the so-called EMS.

The main benefits to be obtained with this system include:

- Helping Europe to meet the growing demand for transport.
- Reduction of fuel consumption.
- Emission reduction.
- Reduction of transport costs for operators.

The main key issues for discussion about EMS are:

- Intermodality and sychromodality.
- The impact on road safety.
- The effect on road wear.

- Traffic and congestion reductions.
- Assessing the shift from railway/waterborne to road; EMS as a threat or an opportunity?

Papers addressing these issues, through an evaluation of the coming changes and comparison of different systems, are welcome for presentation.

Participation and membership

Up to 25 authors will be invited to present a paper in the workshop. NECTAR membership for the year 2021 (€70 or, for those under the age of 30, €40) is required in order to attend the meeting. Non-members can find details on how to join the association on the 'Membership' page of NECTAR's website: <http://www.nectar-eu.eu/membership/>

Deadlines:

Submissions of abstracts: 8/3/2021

Notification of acceptance: 12/4/2021

Submission full paper: 28/5/2021

A special issue as an extra output of this meeting will be organized.

Abstracts should be sent to vmuerza@unizar.es, elarrode@unizar.es,

Venue

The event will be held on line.

Organizing committee:

For more information or questions, please contact: Victoria Muerza, University of Zaragoza, vmuerza@unizar.es; Emilio Larrodé, University of Zaragoza, elarrode@unizar.es; Cathy Macharis, Vrije Universiteit Brussel, Cathy.Macharis@vub.be;

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. It brings together a wide variety of perspectives on transport and communication problems and their impacts on society in an international perspective. For further information see: <http://www.nectar-eu.eu>