



## CALL FOR ABSTRACT

### Autonomic Road Transport Support systems Early Career Researcher Conference

#### ARTS ECR Conference 2015

27<sup>th</sup> – 28<sup>th</sup> May 2015

University of Malta – La Valletta, Malta

The ARTS ECR 2015 Conference is organised as part of the COST Action project ARTS, Autonomic Road Transport Support systems (<http://helios.hud.ac.uk/cost/>).

This is an opportunity for Early Career Researchers (PhD students and Post-doc/researcher up to 8 years since their first research appointment or PhD award), with an interest in the Autonomic Road Transport area, to produce an original piece of scientific work within the full area range of ARTS and present it to an audience of peers and experts in this field.

The selection process will be based on the quality and originality of the research and its relevance and contribution of the ARTS topic; each paper will receive at least two detailed reviews from experts. Papers with co-authorship or contribution from industrial partners are encouraged in order to maximise the chance of applicability of the ARTS concepts and transferability of knowledge.

Due to the limited number of funds to reimburse participants, only one ECR for each paper may be invited to attend and present at the conference.

The Conference will be organised in plenary sessions and published as conference proceedings in the ARTS website, however it is intention of the Organising Committee to propose a selection of the papers accepted and presented for a Special Issue in an international open access journal.

#### **Important dates:**

**22<sup>nd</sup> February 2015:** Deadline for extended abstract (6 pages maximum) submission

**22<sup>nd</sup> March 2015:** Reviewers feedback and notification of paper acceptance

**31<sup>st</sup> March 2015:** Deadline for confirmation of conference attendance to be sent to Local Organiser to enable a smooth booking process.

**10<sup>th</sup> May 2015:** Submission deadline for the revised full paper.

#### Contacts:

Conference Programme Chair: Dr Fabio Galatioto, Newcastle University ([fabio.galatioto@ncl.ac.uk](mailto:fabio.galatioto@ncl.ac.uk))

Local Organiser: Nicolette Formosa, University of Malta ([nicolette.formosa@um.edu.mt](mailto:nicolette.formosa@um.edu.mt))



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## ARTS ECR Conference 2015

### TOPIC AREAS

We solicit scientific papers in the area of Road Transportation Support Systems which display autonomic properties, and in particular in the following, or closely allied, areas:

- major technological challenges of ARTS
- demonstration systems that display the potential benefits of ARTS
- platforms and methods for engineering ARTS systems
- abstract models for ARTS development and analysis
- analyses of existing ITS systems which display autonomic properties
- the scope, nature and potential pay-off of ARTS
- potential application of ARTS to sustainability and environmental goals
- potential application of ARTS in multi-modal transportation, road safety and traffic management
- classifications of the potential application scope of ARTS
- the major socio-technological challenges of ARTS
- likely human interfaces to ARTS
- behavioural changes induced by ARTS

All extended abstract and full papers must be submitted using the following link:

<https://easychair.org/conferences/?conf=artsecr2015>

For further information, templates, news and conference programme please refer to the *COST Action project ARTS* website: <http://helios.hud.ac.uk/cost/>