The asc(s announces PaaSage industrial workshop

Stuttgart, Germany – 22 February 2016 – Since 2012, the Automotive Simulation Center Stuttgart – in short asc(s - is one of the German contributors of *PaaSage*, a large scale European research project for developing an open and integrated platform to support model based lifecycle management of Cloud applications for software and service providers (see www.PaaSage.eu).

PaaSage is an integrated open source *development environment* to support both design and deployment of Cloud applications, together with an accompanying *methodology* that allows model-based development, configuration, optimisation and deployment of existing and new applications *independently of the existing underlying Cloud infrastructures*.

Today PaaSage is moving out of the research area and is entering within industry and businesses. The PaaSage technology makes it easy for IT departments to deploy applications and processes onto various public or private Cloud infrastructures, and to dynamically adapt the application execution if needed, e.g. in case additional computational resources are required at runtime.

Cloud approaches are particularly relevant for large-scale computer-based numerical simulations. These may require very large computation resources, with a possibly high level of variability during the whole computation workflow. Even more the very fast growing global competitive pressure, new legal regulations and distributed development environments during the last few years lead to a complete rethink of Computer-Aided-Engineering (CAE) and High-Performance-Computing (HPC) by using cloud technologies.

According to Pierre Guisset, PaaSage communication manager, "This evolution is supported by PaaSage and will enable Tier-2 and Tier-3 suppliers, and especially many SMEs, to get more integrated into the automotive OEM development process".

In the workshop "From Cloud to Road" leading managers from automotive OEM, Independent Software Vendors and Cloud Service Platform Providers will present future challenges and the PaaSage platform will be demonstrated.

The "From Cloud to Road" workshop will be held on 11 April 2016 at the University of Stuttgart. Registration at https://www.asc-s.de/en/workshops.

The PaaSage platform is available through the OW2 Community forge at http://www.ow2.org/bin/view/ActivitiesDashboard/PaaSage.

About PaaSage

PaaSage is a collaborative research project co-funded under the ICT theme of the 7th framework programme (FP7) of the European Union. The total investment amounts €9.5m of which €7.1m is funded by the European Union over 4 years.
More information www.paasage.eu

About the asc(s

The asc(s provides its members with the possibility to advance new simulation methods for the virtual vehicle development fast and efficiently – particularly if these place high demands on the computing power and data volume. The asc(s promotes, supports and realizes the method development in the field of automotive simulation. Being an interest group and multiplier it can offer its members a wide range of services and activities in this field. The main focus of its activities is the concentration of expertise from automotive and supply industry, software and hardware manufacturers, engineering service providers and research institutes.

More information (registration): https://www.asc-s.de/en/workshops

About ERCIM GEIE

ERCIM - the European Research Consortium for Informatics and Mathematics - aims to foster collaborative initiatives within the European research community and to increase co-operation with European industry. Leading European research institutes are members of ERCIM. ERCIM is based in Sophia Antipolis, France.
More information: www.ercim.eu

Contacts:

ERCIM	*Pierre Guisset*	*+32 496 869 019*	*pierre.guisset@ercim.eu*
	Keith Jeffery	*+44 7768 446088*	*keith.jeffery@ercim.eu*
	Philippe Rohou	*+33 497 155 306*	*philippe.rohou@ercim.eu*
Asc(s	*Carlos J. Falconi D.*	*+49 711 699 659-15*	*carlos.falconi@asc-s.de*
	Alexander F. Walser	*+49 711 699 659-21*	*alexander.walser@asc-s.de*