

30/11/2015 – Robotics cluster leader presents FOCUS at two key industry events

October was a busy month for the University of Padova's IAS-Lab, with representatives from the team presenting FOCUS at both the International CAE Conference and the MEDiT Health Innovation Fair.

The International CAE Conference was held in Pacengo del Garda (Verona), Italy on October 19-20, 2015. It is the most significant European event dedicated to computer simulation and its countless application possibilities. More than 800 delegates participated at this year's event, with 150 speakers alternating between two plenary sessions and 10 industrial-focused sessions. The conference was supported by over 35 commercial sponsors who attended the accompanying exhibition.

The FOCUS project was presented to visitors, including representatives of robot manufacturers and high-tech industries ranging from manufacturing and aerospace to oil, gas and energy, and from automotive and transportation to civil engineering.

The IAS-Lab also attended MEDiT, held in Vicenza, Italy, on October 28-29, 2015. This is an important Italian event dedicated to promoting innovation and technological development in the healthcare and pharmaceutical sectors. Delegates had access to 300 speakers and over 40 scientific workshops and training sessions.

The event was a great networking opportunity where attendees could connect with other research laboratories and start-up organisations. The format encouraged the sharing of ideas, helping to identify new perspectives for the medical and pharmaceutical sectors. Much of the discussion focused on supporting methods and exploitation synergies to enhance the impact of Factory of the Future projects, which is in line with the aims of the FOCUS project.



Presenting FOCUS at the International CAE Conference, Europe's most significant computer simulation event.



Editors' notes:

IAS-Lab

IAS-Lab stands for Intelligent Autonomous Systems Laboratory and it is one of the 28 laboratories of the Department of Information Engineering of the University of Padua.

The activity at IAS-Lab concerns the study of several fields of Robotics. Its research covers the areas of computer vision, humanoids and wheeled robot programming, virtual simulation, biomechanical model based on human biosignal and wearable robots design for rehabilitation purposes.

FOCUS

The FOCUS project brings together 11 partners from 7 European countries to combine their expertise and knowledge to determine the state of the art within the given clusters. The clusters within FOCUS are: zero defect manufacturing (4ZDM), clean factories, robotics, high precision manufacturing (high micro), and maintenance and support. The FOCUS partners share their experiences to identify common ground and formulate methodologies for effective cluster creation and industrial exploitation of project results. The FOCUS partners are also pro-active in disseminating tangible outcomes from their activities.

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Factories of the Future

Factories of the Future is a EUR 1.2 billion program in which the European Commission and industry are collaborating in research to support the development and innovation of new enabling technologies for the EU manufacturing sector. For further information please visit: ec.europa.eu/research/industrial_technologies/factories-of-the-future_en.html

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