VIRTUAL AND AUGMENTED REALITY IN ENGINEERING

MARCH 19TH, 2021

„Engineering the Future“ – 2nd International Conference of the ASCENT Project: Competence Centres for Automotive Engineering to increase positive impact on regional economic development in Argentina, Brazil and Mexico

JAVIER POSSELT, PHD

Specialist in VR and AR applications & interactions

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Javier Posselt studied mechanical engineering in Mexico and robotics in France. As part of his dissertation, he dealt with robotics design.

His career path is exciting and today Mr. Posselt is responsible for the development and deployment of new digital platforms based on virtual and augmented reality technologies to prototyping and simulate the results of engineering design. He is member of "Autonomous Driving and Virtual Reality Center" team at RENAULT Technical Center.

The activity is divided into four estates:

1. R&D: technology watch, research new technologies and methods associated to immersive simulators and developing new use cases with costumers.

2. Validation, Industrialization, Deployment of solutions: integration of new technologies in the current standards of the company and create associated methods.

3. Evolution of platforms: push the limits of the technology and explore new uses cases.

4. Protocols of use: develop and validate standards in the engineering process and publish protocols of use and health rules of use for the users.

In his keynote at the 2nd ASCENT Conference Mr. Posselt is going to provide insights into trends with respect to AR and VR techniques in the industry with a focus on engineering/design works.

Click here to register or SCAN:

Publications:

1 thesis, 2 thesis supervision,

9 scientific publications

in the fields of Robotics and Virtual & Augmented Reality applications

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