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Contents

- Emerging Technology Conference EMiT 2015

- Fourth International Conference on Future Generation Communication Technologies (FGCT 2015)

- First International Conference on Data and Communication for Science, Technology and Society

- Fifth International Conference on Innovative Computing Technology (INTECH 2015)

Editorial

We are pleased to release the second issue of the second volume of the **Transactions on Machine Design**. This issue has the below described papers on various design aspects.

In the first paper on "**Maintenance of Building Components Supported on VR technology",** the authors have used new information and visualization technologies to develop a technological tool to support the maintenance activity of buildings. They implemented prototypes which were tested in real cases. This research work the authors claims brings an innovative contribution to the field of maintenance supported by emerging technologies.

The authors in the next paper on "**Influence of ANSYS FLUENT on Gas Engine Modeling**" the authors have described the simulation process of non-premixed combustion in a direct injection natural gas engine. The proposed CFD modeling of fuel injection and, combustion were performed to simulate the specified phenomena and processes in a compressed natural gas direct injection engine.

The published papers in this issue mark technical strength and new innovations.

Editors