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**18th International Conference on Software,
Telecommunications and Computer Networks**
experience a different conference
SoftCOM 2010

**Split – Adriatic Islands, Croatia
September 23 – 25, 2010**

Workshop on:

**Distributed Component – Based Embedded Software
Systems**

Workshop Chair: Ivica Crnković
Mälardalen University, Sweden (ivica.crnkovic@mdh.se)

Call for Papers

Workshop on "Distributed component-based embedded software systems (DICES)" in the frame of the 18th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2010), technically co-sponsored by the IEEE Communication Society (ComSoc), will be held September 23-25, 2010 in hotel Elaphusa in Bol (Brac).

The main goal of this workshop is to present and discuss recent advances in the area of the distributed component-based embedded software systems particularly developed by researchers involved in project with the same name (DICES – Distributed Component-based Embedded Software Systems) founded through Research Cooperability Program and Unity Through Knowledge Fund. The main goal of the DICES project was to advance development of distributed embedded software systems with emphasis on software reusability and predictability of software quality. The aim of the project was increasing the software development efficiency and quality by applying service-oriented and component-based approaches. The project has advanced theories and methodologies for prediction of certain system properties, developed tools that will help in reusability of software components, and assured performance efficiency of the systems.

The project goal was also knowledge dissemination and enhancement of cooperation in the field of distributed component- based systems, so we cordially invite speakers who wish to present papers on the following subjects, but not limited to these, associated with the following topics:

- State of the art of component models and service standards, including the challenges related to the predictability of the system properties, quality modelling, composition and analysis of quality attributes relevant for embedded systems.
- Service-oriented and component-based technologies used to improve the predictability.
- Real cases in which the metrics for the efficiency, reusability and quality are defined and the measurements based on these metrics were performed.

IMPORTANT DATES

Complete manuscript due June 15, 2010
Notification of acceptance July 15, 2010
Camera-ready manuscript Sept. 1, 2010

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More information about the Conference including details on the submission process and authors kit is available on the website:

<http://www.fesb.hr/SoftCOM>

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