

**SPECIAL SESSION or WORKSHOP ON
Cyber Medical Systems**

IEEE SOSE'20

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Proposers

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Introduction

Cyber-Medical Systems (CMS) connects physical healthcare systems with computational components. This case of special smart systems is related to medical devices, robotics, computer and control engineering, cloud computing, medical knowledge-based systems and of course medical science; hence, it covers basic research, applied research and industrial research questions as well. In other words, CMSs integrates medical knowledges with engineering applications in order to create personalized smart healthcare techniques.

Scope

The scope of the CMS is to introduce and present the latest findings of computational intelligence techniques in smart healthcare systems and personalized healthcare applications, especially in the areas of model-based healthcare treatment, physiological control systems, medical knowledge-based systems, medical cybernetics, cloud computing, multi-sensing, cloud robotics, medical robotics, big-data analysis, machine learning, multi-feature extraction in multidimensional data, cognitive analysis of patients.

SUBMISSION: Papers must be submitted electronically for peer reviews by **March 1, 2020**. All papers must be written in English and should describe original work.

DEADLINES

Full paper submission March 1, 2020

Notification April 1, 2020

Final paper submission April 30, 2020