*** Call for Papers ***

Special Workshop on High Performance Numerical Methods (HPNM)

For the 2nd IEEE International Conference on High Performance and Smart Computing (IEEE HPSC 2016)

In this workshop, we invite articles on innovative research of numerical methods and simulations on the high performance computing platforms such as multicore and many-core architectures, heterogeneous architectures, large data storage, and middleware. We also invite articles on case studies for various real-world numerical applications that advanced the impact of high performance parallel and distributed computing. We promote the exchange of ideas and information between institutes and industries about new development and technologies in high performance architectures, algorithms and applications. Topics of interests include, but are not limited to:

- High performance distributed computing
- High performance communications and networks
- Parallel algorithms and architectures
- hybrid computing
- Scientific computing on Cloud environments
- Tools and environments for coupling parallel codes
- High performance software tools
- Component technologies for high performance computing
- Resilience of numerical methods
- Case studies for various applications

Submission Instructions:

The abstract and complete manuscript should be submitted through **IEEE HPSC 2016** submission system (http://csis.pace.edu/BigDataSecurity/BigDataSecurity2016/hpsc2016.htm). In your cover letter, please also clearly mention the title of this Workshop. Submitted manuscripts conform to the IEEE HPSC 2016 Paper Submission policies (http://csis.pace.edu/BigDataSecurity/BigDataSecurity2016/hpscsubmission.htm).

Important Dates:

- 12/25/2015   Paper submission due
- 01/15/2016   Author notification
- 02/15/2016   Camera-ready
- 02/15/2016   Author registration
- 04/09/2016   Workshop date

Editors: IEEE HPSC 2016 Conference Committee