

# CALL FOR PAPERS



## Special Session on Cloud Manufacturing

IECON 2018 - The 44<sup>th</sup> Annual Conference of the IEEE Industrial Electronics Society  
October 21-23, 2018, Washington D.C, USA



### TOPIC OF THE SPECIAL SESSION

#### **Cloud Manufacturing**

#### Outline of the session

As a service oriented, networked and intelligent mode of manufacturing, cloud manufacturing (CMfg) provides powerful abilities of resource aggregation and reliable, high quality and on-demand manufacturing services for the whole lifecycle of manufacturing. It transforms all kinds of manufacturing resources and capabilities into services, creates a fully shared virtual resource pool and a network of manufacturing capabilities in the cloud, offers services at any time to enterprises or individuals with novel ideas or orders but lacking resources or capabilities. It is possible, through the cloud-manufacturing platform, to find the most suitable service providers or even set up a dynamic collaboration service chain or a virtual enterprise providing users with professional and customized services.

Cloud manufacturing has gained extensive attention from both academia and industry. It has been taken as one of the most important supporting technologies to the new generation intelligent manufacturing.

#### Topics of the Session

### ORGANIZED AND CO-CHAIRD BY

Lin Zhang,

zhanglin@buaa.edu.cn

Lei Ren,

renlei@buaa.edu.cn

M. Jamal Deen,

jamal@mail.ece.mcmaster.ca

#### Author's schedule:

- Deadline for submission of special session papers  
**May 1, 2018**
- Notification of acceptance  
**July 15, 2018**
- Deadline for submission of final manuscripts  
**August 1, 2018**