Call for Papers

International Conference of Production Research – Americas 2020

Special Session: *"Machine Learning and Big Data in industrial processes"*

Submission deadline: ~~July 31ˢᵗ, 2020~~ ~~August 18, 2020~~ **AUGUST 31,2020** (*Hard deadline*)

Special Session Chair:

Ana Maguitman (Universidad Nacional del Sur and CONICET)

This Special Session is targeted towards the **10th International Conference on Production Research ICPR Americas 2020**, which will take place December 9-11, 2020 in Bahía Blanca, Argentina. The ICPR-Americas 2020 conference papers submitted to this Special Session should address the problem of applying machine learning and big data techniques to industrial processes. Contributions should propose or discuss research or applications that offer solutions to industry challenges based on data and predictions.

Potential topics under the scope of this Special Session include but are not limited to:

- Data mining and analytics in the process industry
- Machine learning for predictive maintenance in industrial plants
- Machine learning for fault diagnosis
- Machine learning for complex production processes
- Machine learning applied to improve manufacturing performance
- Real time data analytics applied to industrial processes
- Data-based industrial process monitoring
- Challenges posed by big data in industry
- Emerging trends in smart manufacturing

Submission guidelines

For author guidelines, please refer to "Submissions" part in the conference website:

http://www.matematica.uns.edu.ar/ipcra/default.php?boton=sub