

Call for Papers

International Conference of Production Research – Americas 2020

Special Session: “Education and Teaching in Production and/or Engineering”

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

Special Sessions Chairs:

Antonella Cavallin (Universidad Nacional del Sur, Argentina),

Elda Monetti (Universidad Nacional del Sur, Argentina)

María Teresa González (Universidad Nacional del Sur and CONICET, Argentina)

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 challenges of higher education around new generations of students and the new skills and competencies demanded by the Market, industries and society.

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

- Activities of Effective Learning, Methodologies and Models, Practice and Laboratories inside or outside the classroom, on the Conference pillars.
- Research related to education needs around the Conference pillars.
- Development of Skills for the 21st Century
- Experiences of Inter-, Multi- and Transdisciplinary education, and / or university extension, related to the Conference pillars.

Conference pillars

- | | |
|--------------------------------------|--------------------------------|
| • Supply Chain Management | • Inventory Management |
| • Healthcare Systems | • Lean Manufacturing |
| • Efficiency and Sustainability | • Production Networks |
| • Environmental and Social Issues | • Production Technology |
| • Resource Management | • Quality and Standards |
| • Management and Service Engineering | • Maintenance and Reliability |
| • Green Manufacturing | • Innovation Clusters |
| • Cleaner Production | • Decision making process |
| • Energy Management | • Operations Research |
| • Smart Cities | • International Production |
| • Logistics | • Work Design and Ergonomics |
| | • Automation and Manufacturing |

- Advanced Manufacturing and Automation
- Production and Manufacturing Processes
- Assembly Line Technologies
- Concurrent and Collaborative Engineering
- Technology and Innovation Management
- Virtual Engineering
- Cyber-Physical Production Systems
- Digital Twins
- Industry 4.0
- 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>