

# Call for Papers

## International Conference of Production Research – Americas 2020

### Special Session:

### “Scheduling Problems in Production Systems”

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

Special Sessions Chairs:

*Héctor Cancela (Universidad de la República, Uruguay),*

*Pedro Piñeyro (Universidad de la República, Uruguay)*

The ICPR-Americas2020 conference papers submitted to this Special Session should address problems in which the production of a final product requires the execution of different tasks according to certain restrictions such as availability of resources, delivery deadlines or task specific relationships. The objective of the analysis of such systems may involve different objectives, as for example minimizing the makespan, the production cycle or the costs involved, among others. New approaches, models, methods, applications and practices of scheduling in production systems from a management science and operations research perspective are welcome.

Potential topics under the scope of this Special Session are:

- Batch Processing Problems
- Complex Scheduling Problems
- Computational Complexity of Scheduling Problems
- Computer and Data Center Task Scheduling and Energy Issues
- Dynamic Scheduling Problems
- Expert Systems
- Job Scheduling Problems
- Machine Scheduling
- Maintenance Scheduling
- Makespan
- Large Scale Scheduling
- Lot-Sizing and Scheduling
- Personnel Scheduling
- Production Scheduling
- Project Scheduling
- Real World Scheduling
- Rescheduling
- Scheduling Algorithms
- Scheduling in Manufacturing Systems
- Scheduling Problems in Logistics
- Sequencing
- Shop-Floor Scheduling
- Timetabling
- Transport Scheduling
- Workforce Allocation

#### 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>