

Call for Contributions

Submission:

1. **Inform the Chair:** with the Title of your Contribution

2. **Submission URL:**

<https://www.iariasubmit.org/conferences/submit/newcontribution.php?event=ICONS+2018+Special>

Please select Track Preference as **DyCOCT**

Special track

DyCOCT: Dynamics and Control on Cooling Technologies

Chair

Alexander Núñez, PhD Candidate, Centro de Investigación y Desarrollo Industrial (CIDESI), México
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Coordinators:

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along with

ICONS 2018, The Thirteenth International Conference on Systems

April 22, 2018 to April 26, 2018 - Athens, Greece

<http://www.iaria.org/conferences2018/ICONS18.html>

Cooling technologies is an increasing topic for industrial and domestic applications. The research of dynamic behavior for cooling systems provides useful tools to generate mathematical simulations and control design in order to improve the performance of the heat transfer. Upcoming cooling techniques give advantages over the classic steam compression systems. The track is focused to discuss the relevance of current and upcoming technologies of cooling and heat transfer systems.

Prospective authors are invited to submit original papers on topics including, but not limited to:

- Cooling technologies for industrial applications
- Domestic refrigeration
- Dynamical models of heat transfer systems
- Mathematical simulation of cooling systems
- Energy consumption and efficiency
- Cooling thermodynamic cycle
- Control theory for cooling systems
- Compound materials and cooling procedures
- Smart systems and internet of things applied to heat transfer systems
- Steam compression refrigeration
- Novel cooling techniques

Important Datelines

- Inform the Chairs: As soon as you decided to contribute

- Submission: ~~January 17, 2018~~ **February 28, 2018**
- Notification: ~~February 22, 2018~~ **March 5, 2018**
- Registration: ~~March 8, 2018~~ **March 10, 2018**
- Camera ready: ~~March 15, 2018~~ **March 20, 2018**

Note: These deadlines are somewhat flexible, providing arrangements are made ahead of time with the chair.

Contribution Types

- Regular papers [in the proceedings, digital library]
- Short papers (work in progress) [in the proceedings, digital library]
- Posters: two pages [in the proceedings, digital library]
- Posters: slide only [slide-deck posted on www.iaia.org]
- Presentations: slide only [slide-deck posted on www.iaia.org]
- Demos: two pages [posted on www.iaia.org]

Paper Format

- See: <http://www.iaia.org/format.html>
- Before submission, please check and comply with the editorial rules: <http://www.iaia.org/editorialrules.html>

Publications

- Extended versions of selected papers will be published in IARIA Journals: <http://www.iaiajournals.org>
- Print proceedings will be available via Curran Associates, Inc.: <http://www.proceedings.com/9769.html>
- Articles will be archived in the free access ThinkMind Digital Library: <http://www.thinkmind.org>

Paper Submission

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Registration

- Each accepted paper needs at least one full registration, before the camera-ready manuscript can be included in the proceedings.
- Registration fees are available at <http://www.iaia.org/registration.html>

Contacts

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