CRoNe is a focused, multidisciplinary event organized by the Innovation and Robotics Students group at UTFSM, being a meeting point for people from engineering, human and biological sciences for developing and understanding complex intelligent systems.

CALL FOR POSTERS

IMPORTANT DATES

- Abstract submission: June 14, 2019
- Paper submission: August 02, 2019
- Paper acceptance: September 06, 2019
- Early registration: September 16, 2019
- Conference dates: October 9 to 12, 2019.

SUBMISSIONS

All applications must be submitted through:
https://easychair.org/conferences/?conf=crone2019

Submitted works must be original, and formatted according to the CRoNe Latex Template (available at crone.cc and Overleaf).

Paper:
A minimum extension of 5 pages*.
A maximum extensión of 7 pages.

*A paper with at least 4 pages could still be included as an invited work if it is determined as interesting and relevant by the editors.

PUBLICATION

CRoNe2019 proceedings shall be submitted to CEUR-WS.org for online publication, an OPEN, recognized ISSN publication series.

Last volume indexed by:

Scopus®

dblp computer science bibliography

Semantic Scholar

Google Scholar

See previous Proceedings in:
http://ceur-ws.org/Vol-2312/
http://crone.cc/CRoNe2018_CongressProceedings.pdf

TOPICS OF INTEREST

Topics for submissions include, but are not limited to:

- Education
Neuroscience and education
Learning and knowledge technologies
Empowerment and participation technologies
Gamification and Game-based Learning
Education Policy and Leadership
STEAM (Science Technology Engineering Arts & Math) Education
Creativity and Arts-based Education

- Cognitive Sciences
Computational cognitive systems
Cognitive development
Cognitive neuroscience
Augmented cognition
Artificial perception
Language and action development
Reasoning, Inference, and Planning
Sensory substitution

- Computational Neuroscience
Structural and Functional models for connectivity
Computational modeling of micro, meso and macroscopic neural networks
Network analysis
Novel physiological insights based on CN models
Neural coding
Plasticity

- Representation Learning for Human and Robots
Knowledge representation and reasoning
Neurosymbolic computing
Human Behaviour Modeling
Affordances
Crossmodal learning

- Robotics and AI
Developmental Robotics
Collaborative Robotics
Human-Robot Interaction
Affective Computing
Deep learning
Evolving deep networks
Transfer learning in deep learning
Bio-inspired robotics
Reinforcement Learning
Robotic and Virtual Embodiment
Applications
Robotic-Assisted Rehabilitation
Performance metrics and benchmarking
Applications on Healthcare, Media and Entertainment, Manufacturing, Natural Resources, Government, Etc.

CRONE 2019