

**Theme**  
Developmental  
Robotics and  
Future Life

# IEEE International Conference on Development and Learning (ICDL) 2021

23<sup>rd</sup>-26<sup>th</sup>, August, 2021  
@Beijing, China



The IEEE International Conference on Development and Learning (ICDL), previously referred to as ICDL-EpiRob, is the premier gathering of professionals dedicated to the advancement of cognitive and developmental learning. As such, ICDL is a unique conference gathering researchers from computer science, robotics, psychology and developmental science.

The theme of IEEE ICDL 2021 is Developmental Robotics and Future Life. We invite submissions of regular papers, tutorials, workshops and for the journal track to explore, extend, and consolidate the interdisciplinary boundaries of this exciting research field. We also strongly expect your participation in the REAL 2021 competition.

**Due to the influence of COVID-19, IEEE ICDL 2021 may be held virtually.**

## Important Dates

### Main Conference

Date: **August 23rd- 26th, 2021**  
Submission Deadline: **March 15th, 2021**  
Author Notification: **May 15th, 2021**  
Camera Ready Due: **June 1st, 2021**

### Tutorial or Workshops

Date: **August 23rd, 2021**  
Submission Deadline: **March 15th, 2021**  
Author Notification: **May 15th, 2021**

### Journal Tracks

Submission Deadline: **May 28th, 2021**  
Notification: **June 20th, 2021**

## Topics of interest

- Principles and Theories of Development and Learning
- Development of Skills in Biological Systems and Robots
- Nature vs. Nurture, Developmental Stages
- Models on the Contributions of Interaction to Learning
- Models on Active Learning
- Architectures for Life-long Learning
- Emergence of Body and Affordance Perception
- Analysis and Modelling of Human Motion and States
- Models for Prediction, Planning and Problem Solving
- Models of Human-Human and Human-Robot Interaction
- Emergence of Verbal and Non-Verbal Communication
- Epistemological Foundations and Philosophical Issues
- Robot Prototyping of Human and Animal Skills
- Ethics in Computational Intelligence and Robotics
- And more...

## Submissions

Authors are invited to submit original and unpublished manuscripts in IEEE double-column format. Accepted and presented full 6-page paper submissions will be included in the conference proceedings published by IEEE Xplore.

Selected conference papers will be recommended to publish a full version to a **Special Issue** of IEEE Transactions on Cognitive and Developmental System (TCDS).

**Website:**

<https://www.icdl-2021.org/>

## Committee

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