

# ICDAR2019-ORF COMPETITION

*Call For Participation*

The 15th International Conference on Document Analysis and Recognition (ICDAR 2019) will be held at Sydney (Australia) from 20 to 25 of September 2019.

## Competition on Object Detection & Recognition in Floorplan images

The ICDAR2019-ORF competition is focused on a very interesting task which makes the foundation for the semantic interpretation of the floorplan images. The challenge of ICDAR2019-ORF competition is Object Detection and Recognition in Floorplan images. The participants are required to detect objects in the floorplan images and provide labels for each of them.

**Keywords:** Floorplan, Object Detection, Object Recognition, Symbol Detection, Symbol Recognition, Graphics Recognition, Document Image Analysis and understanding, Pattern Recognition, Computer Vision.

### How to participate?

- Register your interest via competition website
- Download training data and prepare your method
- Download test data and run your method
- Submit results and a short description of your method
- Attend competition session of ICDAR2019

### Challenge

Participants are required to detect objects in the floorplan images and provide labels for each of them.

The object classes of this year's challenge include "toilet", "shower", "bathtub", "sink", "bidet", "table", "chair", "couch", "armchair", "night\_table", "bed" and "hot\_plate".

### Important Dates

- 20 February 2019: Training set available
- 30 March 2019: Deadline for registration
- 23 April 2019: Test set available
- 01 May 2019: Deadline for submitting results
- September 20 – 25, 2019: Results will be presented during ICDAR2019

### Dataset & Evaluation

The dataset is comprised of ~600 floorplan images (groundtruthed at object level) from an architectural firm and internet

The evaluation is based on the Pascal Visual Object Classes detection metric

### Co-organized by



UNIVERSITÀ  
DEGLI STUDI  
FIRENZE  
ARTIFICIAL  
INTELLIGENCE



Informatique  
Image  
Interaction  
Univ. La Rochelle



CVC  
Centre de Visió per Computador

### Contact us / more details



<https://orf.univ-lr.fr>



@ICDAR2019\_ORF