



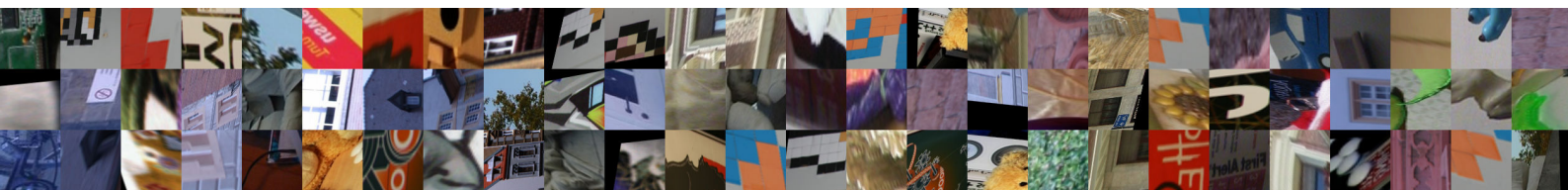
## Which is Which?

# Evaluation of local descriptors for image matching in real-world scenarios

a contest to be held within the framework of the  
18th International Conference on Computer Analysis of Images and Patterns **CAIP 2019**  
Salerno, Italy, September 3-5, 2019

This contest is devoted to image matching using local image descriptors. In order to test descriptor effectiveness for real-world scenarios, we have built an image pair dataset including non-trivial transformations induced by relevant viewpoint changes with respect to either planar or non-planar scenes. The evaluation metrics will be based on the exact overlap error for the planar case, and on a patch-wise approximation to it for the non-planar case.

Participants will be able to download the local image patches from which to extract descriptors. The matched descriptor pairs, formatted according to the submission instructions, will be sent for evaluation to the official e-mail of the contest. Results will be published online within two weeks after the deadline. *The most interesting descriptors will be selected for possible publication in the forthcoming special issue **Local Image Descriptors in Computer Vision** of the journal **IET Computer Vision**.*



### Important dates

February 1, 2019 - website online  
March 21, 2019 - [dataset online](#)  
March 28, 2019 - [submission deadline](#)  
April 15, 2019 - results online



### Info



<http://cvg.dsi.unifi.it/wisw.caip2019>



Fabio Bellavia and Carlo Colombo  
CVG, University of Florence, Italy



[wisw.caip2019@gmail.com](mailto:wisw.caip2019@gmail.com)

