ImageCLEF 2020
CLEF, *22-25 September*, Thessaloniki, Greece
http://www.imageclef.org/2020

ImageCLEF 2020 is an evaluation campaign that is being organized as part of the CLEF (Conference and Labs of the Evaluation Forum) labs.

The campaign offers several research tasks that welcome participation from teams around the world.

The results of the campaign appear in the working notes, published by CEUR (CEUR-WS.org) and are presented in the CLEF conference.

Selected contributions among the participants will be invited for publication in the following year in the Springer Lecture Notes in Computer Science (LNCS), together with the annual lab overviews.

Target communities involve (but are not limited to): *information retrieval* (e.g., text, vision, audio, multimedia, social media, sensor data), *machine learning*, *deep learning*, *data mining*, *natural language processing*, *image and video processing*; with special emphasis on the challenges of *multi-modality*, *multi-linguality*, and *interactive search*.

Important Dates (depending on tasks)
end of April, 2020: registration closes;
beginning of May, 2020: runs due;
end of May, 2020: working notes due.

Overall coordination

Bogdan Ionescu,
University Politehnica of Bucharest, Romania

Henning Müller,
HES-SO, Sierre, Switzerland

Renaud Péteri,
University of La Rochelle, France

Contact on social media

Facebook
https://www.facebook.com/ImageClef

Twitter
https://twitter.com/imageclef

#ImageCLEFlifelog2020# (4th edition) An increasingly wide range of personal devices that allow capturing pictures, videos, and audio clips for every moment of our lives, are becoming available. In this context, the task addresses the problems of lifelogging data retrieval and summarization.

Organizers: Duc-Tien Dang-Nguyen (*University of Bergen*), Luca Piras (*Pluribus One* & *University of Cagliari*), Michael Riegler & Pål Halvorsen (*Simula Research Laboratory*), Minh-Triet Tran (*University of Science*), Cathal Gurrin (*Dublin City University*), Mathias Lux (*Klagenfurt University*).

#ImageCLEFcoral2020# (2nd edition) The increasing use of structure-from-motion photogrammetry for modelling large-scale environments from action cameras has driven the next generation of visualization techniques. The task addresses the problem of automatically segmenting and labeling a collection of images that can be used in combination to create 3D models for the monitoring of coral reefs.

Organizers: Jon Chamberlain, Adrian Clark, & Alba García Seco de Herrera (*University of Essex*), Antonio Campello (*Wellcome Trust*).

#ImageCLEFmedical2020# (2nd edition) Medical images can be used in a variety of scenarios and this task will combine the most popular medical tasks of ImageCLEF and continue the last year idea of mixing various applications, namely: automatic image captioning and scene understanding, medical visual question answering and decision support on tuberculosis. This allows to explore synergies between tasks.

Organizers: Asma Ben Abacha & Dina Demner-Fushman (*National Library of Medicine*), Sadid A. Hasan, Vivek Datla & Joey Liu (*Philips Research Cambridge*), Obioma Pelka & Christoph M. Friedrich (*University of Applied Sciences and Arts Dortmund*), Alba García Seco de Herrera (*University of Essex*), Yashin Dicente Cid (*University of Warwick*), Serge Kozlovski, Vitali Liauchuk, & Vassili Kovalev (*United Institute of Informatics Problems*), Henning Müller (*HES-SO*).

#ImageCLEFdrawnUI2020# (new) Enabling people to create websites by drawing them on a piece of paper would make the webpage building process more accessible. The task addresses the problem of automatically recognizing hand drawn objects representing website UIs, which will be further translated into automatic website code.

Organizers: Paul Brie & Fichou Dimitri (*teleportHQ*), Mihai Dogariu, Liviu Daniel Ștefan, Mihai Gabriel Constantin, & Bogdan Ionescu (*University Politehnica of Bucharest*).

CLEF 2020 Thessaloniki

#imageclef20
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