



CENTRE

CLEF, NTCIR, TREC
REproducibility

CENTRE@CLEF 2018

Co-located with CLEF 2018
September 10 -14, 2018
Avignon, France

AIMS AND SCOPE

The goal of CENTRE is to run a joint CLEF/NTCIR/TREC task on challenging participants to reproduce best results of the most interesting systems in previous editions of CLEF/NTCIR/TREC and to contribute back to the community the additional components and resources developed to reproduce the results.

IMPORTANT DATES

Registration Closes:
April 27, 2018

Runs Submission:
May 11, 2018

Working Notes
Submission:
May 31, 2018

Notification:
June 15, 2018

Camera Ready:
June 29, 2018

ORGANIZERS

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CENTRE@CLEF LAB

Organizers of CENTRE@CLEF selected some of the top performing and most impacting methods/systems among those submitted to the CLEF/NTCIR/TREC ad-hoc tasks over the years. Each participating group will be challenged to replicate and/or reproduce one or more of the selected systems, in details CENTRE@CLEF 2018 offers two pilot tasks:

- **Task 1 - Replicability:** the task will focus on the replicability of selected methods on the same experimental collections;
- **Task 2 - Reproducibility:** the task will focus on the reproducibility of selected methods on the different experimental collections.

SELECTED PAPERS:

Selected papers from CLEF:

- Sorg, P., and Cimiano, P. (2008). *Cross-lingual Information Retrieval with Explicit Semantic Analysis*. In Working Notes for the CLEF 2008 Workshop.
- Nguyen, D., Overwijk, A., Hauff, C., Trieschnigg, D. R., Hiemstra, D., and De Jong, F. (2008). *WikiTranslate: Query Translation for Cross-lingual Information Retrieval Using only Wikipedia*. In Working Notes for the CLEF 2008 Workshop.
- Guyot, J., Radhouani, S., and Falquet, G. (2005). *Ontology-Based Multilingual Information Retrieval*. In Working Notes for the CLEF 2005 Workshop.

Selected papers from TREC:

- Yang, P., and Fang, H. (2013). *Evaluating the Effectiveness of Axiomatic Approaches in Web Track*. In TREC 2013.
- McCreadie, R., Deveaud, R., Albakour, M., Mackie, S., Limsopatham, N., Macdonald, C., Ounis, I., and Thonet, T. (2014). *University of Glasgow at TREC 2014: Experiments with Terrier in Contextual Suggestion, Temporal Summarisation and Web Tracks*. In TREC 2014.

Selected paper from NTCIR:

- Gallagher, L., Mackenzie, J., Benham, R., Chen, R. C., Scholer, F., and Culpepper, J. S. (2017). *RMIT at the NTCIR-13 We Want Web Task*. Proc. of NTCIR-13.

LAB GUIDELINES:

To participate in the lab, the groups need to register (by April, 27) at the following link:

<http://clef2018-labs-registration.dei.unipd.it/>

and to follow these guidelines:

- They need to use an open source IR system, e.g. Lucene, Terrier, Indri, Atire;
- Their runs should be submitted with TREC format;
- For the replicability task, each group can submit a maximum of three runs replicating the given original run;
- For the reproducibility task, each group can submit just one run reproducing the given original run;
- The code used to produce the runs should be uploaded in a Bitbucket repository provided by the organizers upon the registration to CENTRE.