

MediaEval 2020 Multimedia Benchmarking Initiative

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ABSTRACT

MediaEval is a multimedia benchmarking initiative which seeks to evaluate new algorithms for multimedia access and retrieval. MediaEval emphasizes the “multi” in multimedia, including tasks combining various facet combinations of speech, audio, visual content, tags, users, and context. MediaEval innovates new tasks and techniques focusing on the human and social aspects of multimedia content in a community driven setting. The initiative provides a platform for researchers to organize benchmark tasks within a planned annual timeline and to report results at an end of campaign workshop. This presentation will overview the objectives of the MediaEval campaigns and summarize current activities within MediaEval 2020.

BIOGRAPHY

Gareth Jones conducts research on multiple topics in information retrieval, including multimedia, multilingual and personal content across a wide range of application areas. Over the last 20 years he has published hundreds of papers describing this work at multiple

venues. Much of his research encompasses the design of tasks for the evaluation of this research, including test collections and evaluation metrics. Since 2002 he has been responsible for the organisation of international benchmarking tasks at venues including CLEF, FIRE, NTCIR and TRECVID. In 2010, together with Martha Larson, Radboud University, The Netherlands, he co-founded the MediaEval Multimedia Benchmarking initiative to provide a platform for the development and evaluation of novel tasks in multimedia indexing and search. Gareth has served as co-Programme Chair for ECIR 2011, Information Retrieval Chair for ACM CIKM 2010, and co-Chair of ACM SIGIR 2013 and CLEF 2017 (with MediaEval 2017) both hosted in Dublin.

Gareth is a faculty member of the School of Computing, Dublin City University (DCU), Ireland and a Principal Researcher in the SFI ADAPT Centre. He holds B.Eng. and PhD degrees from the University of Bristol, UK. He has previously held posts at the University of Cambridge and University of Exeter, U.K., and in 1997 was a Toshiba Fellow at the Toshiba Corporation Research and Development Center in Kawasaki, Japan.