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EDITORIAL

ACM International Conference on Multimedia Retrieval (ICMR): current standing and impact

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The ACM International Conference on Multimedia Retrieval (ICMR, www.acmicmr.org) was started in 2011 as the flagship meeting covering the dynamic and ubiquitous domain of multimedia search and retrieval. It combined the notable ACM CIVR and MIR conferences and is currently held annually each summer (e.g., www.icmr2018.org is from June 11 to 14 and has CFP due on January 20, 2018).

The growth and pervasiveness of multimedia has been enormous. Already, we have seen the major changes in the way that media, whether it is news or music or video, is being communicated and retrieved. Home multimedia retrieval technology such as Amazon Echo and Google Home has breached the final barrier between multimedia collections and everyday users. Services such as Apple iTunes, Netflix and Amazon Prime supplemented by digital streaming from all major channels have created an environment where finding multimedia information is so prevalent that many governments are passing laws which make Internet access on a similar level of importance and necessity as clean air, health and public transportation. Searching, browsing, recommending and retrieving multimedia are the challenges that billions of people face everyday.

So, how is ICMR doing—how is it ranked internationally and what kind of citation numbers do the papers get?

Based on the best available conference rankings and citation sources, ICMR has become a top tier meeting comparable to the best multimedia conferences and journals in both visibility and citations as explained further below.

Because indexes such as Thomson Reuters do not give impact factors to conferences, we turn to the Google Conference Rankings which are free and publicly available and most importantly can be verified by anyone.

Below is the current standing of ACM ICMR as of July 4, 2017.

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	Publication	h5-index
1.	IEEE Transactions on Circuits and Systems for Video Technology	52
2.	IEEE Transactions on Multimedia	51
3.	ACM International Conference on Multimedia	42
4.	Multimedia Tools and Applications	35
5.	IEEE International Conference on Image Processing (ICIP)	35
6.	Journal of Visual Communication and Image Representation	32
7.	International Society for Music Information Retrieval Conference	31
8.	Signal Processing: Image Communication	29
9.	ACM International Conference on Multimedia Retrieval	28
10.	IEEE MultiMedia	25
11.	IEEE International Conference on Multimedia and Expo	25
12.	ACM Multimedia Systems Conference (MMSys)	24
13.	IET Image Processing	24
14.	ACM Transactions on Multimedia Computing, Communications, and Applications (TOMM)	23

In comparison with journals and conferences in the general domain of multimedia, ACM ICMR ranks 9th, in a comparable level with prestigious journals and conferences from IEEE and ACM, and ICMR also has had the highest impact factor for a conference in multimedia according to CiteScholar (their index is also based on public Google Scholar citations). On behalf of the ICMR committees, we think it is reasonable to conclude that ICMR is one of the top conferences in the world. Furthermore, publishing in ICMR will give top-tier visibility and citations.

For the historical record, as of July 10, 2017, the three most cited papers in ICMR are the following:

Multi-view face detection using deep convolutional neural networks
SS Farfade, MJ Saberian, LJ Li
Cited by 113

Getting the look: clothing recognition and segmentation for automatic product suggestions in everyday photos
Y Kalantidis, L Kennedy, LJ Li
Cited by 72

Social event detection using multimodal clustering and integrating supervisory signals
G Petkos, S Papadopoulos, Y Kompatsiaris
Cited by 63

For reference, a screenshot from Google Scholar of the top 10 ICMR papers sorted by citations is given below:

Multi-view Face Detection Using Deep Convolutional Neural Networks SS Farfade, MJ Saberian, LJ Li Proceedings of the 5th ACM on International Conference on Multimedia …	113	2015
Getting the look: clothing recognition and segmentation for automatic product suggestions in everyday photos. Y Kalantidis, L Kennedy, LJ Li ICMR, 105-112	72	2013
Social event detection using multimodal clustering and integrating supervisory signals G Petkos, S Papadopoulos, Y Kompatsiaris Proceedings of the 2nd ACM International Conference on Multimedia Retrieval, 23	63	2012
Event-based classification of social media streams T Reuter, P Cimiano Proceedings of the 2nd ACM International Conference on Multimedia Retrieval, 22	61	2012
A shape-based approach for leaf classification using multiscaletriangular representation. S Mouine, I Yahiaoui, A Verroust-Blondet ICMR, 127-134	57	2013
Recommendations for video event recognition using concept vocabularies. AH Habibian, KEA van de Sande, CGM Snoek ICMR, 89-96	56	2013
Event-Driven Semantic Concept Discovery by Exploiting Weakly Tagged Internet Images. J Chen, Y Cui, G Ye, D Liu, SF Chang ICMR, 1	52	2014
Brand Data Gathering From Live Social Media Streams. Y Gao, F Wang, HB Luan, TS Chua ICMR, 169	52	2014
Zero-Example Event Search using MultiModal Pseudo Relevance Feedback. L Jiang, T Mitamura, SI Yu, AG Hauptmann ICMR, 297	51	2014
Image Classification and Retrieval are ONE L Xie, R Hong, B Zhang, Q Tian Proceedings of the 5th ACM on International Conference on Multimedia …	50	2015

Congratulations to all of the authors, organizers and participants of ICMR for making it a vibrant and high-quality meeting.

This is the Age of Information and ICMR is at the center of it.

Hope to see you at the next ICMR!

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Editor-in-Chief
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