

CS 290F HW 1: Publication Venues

I. INTRODUCTION

In this report, we will go over the major conferences, workshops, and journals that relate to multimedia generally and network specifically. We start by first giving a brief description of each conference. Then, we outline the important dates and whether the same deadlines have been maintained over the years or whether they have changed. We follow with a description of the paper submission criteria, such as the page length and format. We note the acceptance rate of the conferences and workshops and refer to the page on Networking Conferences Statistics maintained by Professor Kevin Almeroth¹. Finally, we provide a rating of each conference, workshop, or journal in terms of quality and impact; we sometimes refer to estimated venue impact factor determined by CiteSeer², as well as other computer science conference rankings³. Other measures of impact are the *h-index*.

II. CONFERENCES

In this section, we list five top tier conferences that have published multimedia papers. Some of the conferences listed include workshops as well; all of the workshops will be of interest to us this quarter.

A. IEEE Conference on Computer and Communications (Infocom)

About: This conference is annual and addresses topics related to computer communications and networking with an emphasis on traffic management and protocols. Material can also be presented as part of special workshops or the Global Internet Workshop. Infocom is a broad conference where good multimedia papers appear.

Important dates: Infocom 2010 and 2011 have maintained similar deadlines. Former years, however, have shifted deadlines. The time difference between the deadlines in each year, however, remain the same; for example, there is always a week's difference between abstract and full paper submission, and a four month's difference thereafter to get the notification of acceptance.

Abstract due	July 23, 2010
Full paper due	July 30, 2010
Notification of acceptance	November 21, 2010
Final version due	TBA
Conference	April 10 - 15, 2011 - Shanghai, China

Paper submission criteria: The paper submission criteria to Infocom are strict. Submission is typically handled through the EDAS Conference Management System⁴ and, recently, IEEE Conference eXpress⁵. The paper length is 9 pages for both the paper submitted for review and the final camera-ready version. Infocom also accepts certain papers to the IEEE InfoCom Miniconference, where the page length should be reduced to 5 pages.

Acceptance rate: The acceptance rate fluctuates between 17 and 20 % over the past 8 years. The number of papers submitted is relatively large compared to other conferences. The number of tracks is high too. However, Infocom remains a high tier conference.

Conference rating: In terms of quality and impact, Infocom would get a 9.5.

B. Special Interest Group on Data Communication (Sigcomm)

About: Sigcomm is annual and addresses topics on the applications, technologies, architectures, and protocols for computer communication. Sigcomm also has a series of co-located workshops. Sigcomm is a broad conference where good multimedia papers appear.

Important dates: Sigcomm has maintained similar deadlines throughout the past couple of years.

¹<http://citeseerx.ist.psu.edu/stats/venues?y=2007>

²<http://citeseerx.ist.psu.edu/stats/venues?y=2007>

³<http://webdocs.cs.ualberta.ca/~zaiane/htmldocs/ConfRanking.html>

⁴<http://edas.info/doc/>

⁵<http://www.ieee.org/web/publications/pubservices/confpub/index.html>

Abstract due	January 22, 2010
Full paper due	January 29, 2010
Notification of acceptance	May 10, 2010
Final version due	June 20, 2010
Conference	August 30 - September 3, 2010 - New Delhi, India

Paper submission criteria: The paper submission criteria to Sigcomm are strict. Submission is typically handled by Sigcomm itself. The papers submitted for review can be up to 14 pages in length. The final camera-ready version, however, will be 12 pages in length. InfoCom also accepts certain papers to the IEEE InfoCom Miniconference, where the page length should be reduced to 5 pages.

Acceptance rate: The acceptance rate fluctuates between 10 and 14 % over the past 8 years. It is clear that the acceptance rate is extremely low, which means that Sigcomm is on the top of the top tier conference. The number of papers submitted is relatively small compared to other conferences. The number of tracks is low too.

Conference rating: In terms of quality and impact, Sigcomm would get a 10.

C. Mobile Computing and Networking (MobiCom)

About: Sigcomm is annual and addresses networks, systems, algorithms, and applications that support the interdependence of mobile computers and wireless networks. MobiCom also has a series of co-located workshops. MobiCom is a broad conference where good multimedia papers appear.

Important dates: MobiCom has maintained similar deadlines throughout the past 3 years. There has been shifts in dates, however, in previous years.

Abstract due	March 5, 2010
Full paper due	March 12, 2010
Notification of acceptance	June 21, 2010
Final version due	July 15, 2010
Conference	September, 2010 - Chicago, Illinois

Paper submission criteria: The paper submission criteria to MobiCom are strict. Submission is typically handled through the EDAS. The paper length is 9 pages for both the paper submitted for review and the final camera-ready version. MobiCom also accepts "Challenges" papers, where the number of pages should be limited to 8.

Acceptance rate: The acceptance rate fluctuates between 8 and 12 % over the past 8 years. It is clear that the acceptance rate is extremely low, which means that Mobicom is on the top of the top tier conference. The number of papers submitted is relatively small compared to other conferences. The number of tracks is low too.

Conference rating: In terms of quality and impact, MobiCom would get a 10.

D. ACM Multimedia

About: ACM Multimedia is annual and is an event that covers all aspects of multimedia, from underlying technologies to applications, both theory and practice. It is a multimedia specific conference. It also sponsors workshops, the ACM Multimedia 2009 Workshop.

Important dates: ACM Multimedia has maintained similar deadlines over the past 2 years.

Abstract due	March 21, 2010
Full paper due	April 11, 2010
Notification of acceptance	July 5, 2010
Final version due	July 26, 2010
Conference	October 25-29, 2010 - Firenze, Italy

Paper submission criteria: Different submission formats are requested for ACM Multimedia, such as full papers, short papers, workshop proposals, as well as other submissions related to being involved in key technical programs that take place at this conference. Submission to ACM Multimedia is typically handled through the EDAS. For the full papers, the page limit is 10; as for the short papers, the page limit is 4.

Acceptance rate: The acceptance rate fluctuates between 14 and 17 % over the past 8 years. The acceptance rate is relatively low, meaning that this conference is one of the best conferences.

Conference rating: In terms of quality and impact of the papers, ACM Multimedia would get a 9.5.

E. ACM Special Interest Group for the Computer Systems Performance Evaluation Community (Sigmetrics)

About: ACM Sigmetrics is annual and addresses the development and application of state-of-the-art, broadly applicable analytic, simulation, and measurement-based performance evaluation techniques. It is a broad conference where good multimedia papers appear.

Important dates: Dates of the Sigmetrics 2011 have not been announced yet. The deadlines, however, have been similar for the past couple of years. The deadlines for Sigmetrics 2010 are included below for reference. Sigmetrics has recently followed hard deadlines, no extensions will be given.

Abstract due	November 2, 2009
Full paper due	November 9, 2009
Notification of acceptance	February 9, 2009
Final version due	none
Conference	June 14-18, 2010 - Columbia University, New York

Paper submission criteria: ACM Sigmetrics follows standard ACM format and is strict. Submission is done through Sigmetrics itself. The page limit should not exceed 12 pages, where a 2 page appendix is permitted and is not counted towards the original 12 pages.

Acceptance rate: The acceptance rate fluctuates between 11 and 18 % over the past 8 years. The acceptance rate is relatively low, meaning that this conference is one of the best conferences.

Conference rating: In terms of quality and impact of the papers, ACM Sigmetrics would get a 10.

F. Other conferences

Other conferences that relate to multimedia generally and networking specifically are listed below:

- CoNext
- International conference on mobile and ubiquitous systems: computing, networking, and services (MobiQuitous)
- International conference on network protocols (ICNP)
- International conference on digital information management (ICDIM)
- IEEE global telecommunications conference (Globecom)
- International symposium on reliable distributed systems (SRDS)

III. WORKSHOPS

In addition to the workshops held by conferences, as mentioned above in Section II, we will now list additional workshops.

A. IEEE Annual Computer Communications Workshop

About: This annual workshop accepts papers in all areas of communications and networking and is hosted by the Technical Committee on Computer Communications (TCCC) of the IEEE Communications Society.

Important dates: The workshop was held in October 18-21, 2009. It has been typically held in the month of October. This workshop, however, does not seem to have any firm deadlines.

Paper submission criteria: There appears to be no information on the submission criteria.

Acceptance rate: We were unable to determine the acceptance rate.

Workshop rating: This workshop would be rated at 6.

B. International Workshop on Quality of service (IWQoS)

About: This journal presents papers that are related to quality of service (QoS). It is a general workshop that includes work that is related to multimedia.

Important dates: The deadlines for IWQoS are listed in the below table.

Paper submission	February 8, 2010
Notification of acceptance	April 5, 2010
Final version due	April 23, 2010
Workshop	June 16-18, 2010 - Tsinghua University, Beijing, China

Paper submission criteria: To be able to publish in a workshop, authors must pay a registration fee, and must present the paper at the conference. Submission is typically handled through the EDAS. The paper limit is 9 pages.

Acceptance rate: The acceptance rate falls in the range between 20 and 36 %. This percentage is relatively high.

Workshop rating: The rating for this workshop would be 7.

C. Other workshops

Other workshops that relate to multimedia generally and networking specifically are listed below:

- International workshop on peer-to-peer systems (IPTPS)
- Workshop on online social networks (WOSN)

IV. JOURNALS

A. *Advances in Multimedia*

About: *Advances in Multimedia* publishes articles in all areas of multimedia. It is a multimedia specific journal.

Important dates: For this journal, there are no call for papers.

Paper submission criteria: Papers are peer-reviewed. Submission to *Advances in Multimedia* is done through the online Manuscript Tracking System⁶. There is no page limit.

Journal rating: This journal would get a 6.

B. *Computer Communications*

About: This journal accepts papers that address future computer communications networks with a special attention to how the Internet architecture, protocols, services, and applications have evolved. It is a broad journal that accepts multimedia articles.

Important dates: There is a call for papers for the special issue of computer communications on complex networks.

Paper submission	January 31, 2010
Notification of acceptance	April 30, 2010
Final version due	May 31, 2010
Publication	Fall 2010

Paper submission criteria: Papers are peer-reviewed.

Journal rating: Elsevier provides its own impact factor, which is 0.884 for this journal. This journal would get an 8 rating.

C. *Computer Networks*

About: This journal accepts articles in topics that are involved in the computer communications networking area. It is a broad journal that accepts multimedia articles.

Important dates: There was a recent call for papers for the special issue of computer communications on managing emerging computing environments. The deadlines are listed below for reference.

Manuscript due	December 15, 2009
Notification of acceptance	February 15, 2010
Final version due	March 15, 2010
Publication	July 2010

Paper submission criteria: Articles are processed by the Area Editors on the Editorial Board. Referees are assigned to articles. The comments of the referees are then sent to the authors. The page limit should not exceed 25 pages, single-column format.

Journal rating: Elsevier provides its own impact factor, which is 1.304 for this journal. This journal would get a 9 rating.

D. Other Journals

Other journals that relate to multimedia generally and networking specifically are listed below:

- IEEE Transactions on Mobile Computing (TMC)

⁶<http://mts.hindawi.com/>