ACM BibTeX Formatting

Here are examples of the most common reference types in ACM BibTeX format.

For a paginated article in a journal:

```
@article{Abril:2007:PHD:1188913.1188915,
author = {Abril, Patricia S. and Plant, Robert},
title = {The Patent Holder's Dilemma: Buy, Sell, or Troll?},
journal = {Commun. ACM},
issue_date = {January 2007},
volume = {50},
number = {1},
month = jan,
year = {2007},
issn = {0001-0782},
pages = {36--44},
numpages = {9},
url = {https://doi.org/10.1145/1188913.1188915},
doi = {10.1145/1188913.1188915},
acmid = {1188915},
publisher = {ACM},
address = {New York, NY, USA},
}
```

For an enumerated article in a journal:

```
@article{Cohen:2007:DEC:1219092.1219093,
author = {Cohen, Sara and Nutt, Werner and Sagiv, Yehoshua},
title = {Deciding Equivalences Among Conjunctive Aggregate Queries},
journal = {J. ACM},
issue_date = {April 2007},
volume = {54},
number = {2},
month = apr,
year = {2007},
issn = {0004-5411},
articleno = {5},
url = {https://doi.org/10.1145/1219092.1219093},
doi = {10.1145/1219092.1219093},
acmid = {1219093},
publisher = {ACM},
address = {New York, NY, USA},
keywords = {Aggregation, Datalog, bag-set semantics, query equivalence},
```

For a monograph (whole book):

```
@book{Kosiur:2001:UPN:381159,
author = {Kosiur, Dave},
title = {Understanding Policy-based Networking},
year = {2001},
isbn = {0-471-38804-1},
publisher = {John Wiley \& Sons, Inc.}, address = {New York, NY, USA},
}
```

For a divisible book (anthology or compilation):

```
@book{Oviatt:2017:HMI:3015783,
editor = {Oviatt, Sharon and Schuller, Bj\"{o}rn and Cohen, Philip R. and
Sonntag, Daniel and Potamianos, Gerasimos and Kr\"{u}ger, Antonio},
title = {The Handbook of Multimodal-Multisensor Interfaces: Foundations,
User Modeling, and Common Modality Combinations},
year = {2017},
isbn = {978-1-97000-167-9},
publisher = {Association for Computing Machinery and Morgan \&\#38;
Claypool},
address = {New York, NY, USA},
}
```

For a multi-volume work (as a book):

```
@book{Knuth:2009:ACP:1610541, author = {Knuth, Donald E.},
title = {The Art of Computer Programming: Fascicles 0-4},
year = {2009}, isbn = {0321637135}, edition = {1st},
Volume = {4}, publisher = {Addison-Wesley Professional},
}
```

For a (paginated proceedings) article in a conference proceedings (conference, symposium or workshop):

```
@inproceedings{Andler:1979:PPE:567752.567774,
author = {Andler, Sten},
title = {Predicate Path Expressions},
booktitle = {Proceedings of the 6th ACM SIGACT-SIGPLAN Symposium on
Principles of Programming Languages},
series = {POPL '79},
year = {1979},
location = {San Antonio, Texas},
pages = {226--236},
numpages = {11},
url = {https://doi.org/10.1145/567752.567774},
doi = {10.1145/567752.567774},
acmid = {567774},
publisher = {ACM},
address = {New York, NY, USA},
}
```

For a Patent:

```
@misc{JoeScientist001,
author ={Joseph Scientist},
year ={2009},
title ={The fountain of youth},
note ={Patent No. 12345, Filed July 1st., 2008, Issued Aug. 9th., 2009},
url ={},
month ={aug},
lastaccessed = {},
}
```

For an informally published work (such as some technical reports and dissertations):

- Technical Report:

```
@techreport{Harel:1978:LPA:889810,
author = {Harel, D.},
title = {LOGICS OF PROGRAMS: AXIOMATICS AND DESCRIPTIVE POWER},
year = {1978},
source = {http://www.ncstrl.org:8900/ncstrl/servlet/search?
formname=detail\&id=oai%3Ancstrlh%3Amitai%3AMIT-
LCS%2F%2FMIT%2FLCS%2FTR-200},
publisher = {Massachusetts Institute of Technology},
address = {Cambridge, MA, USA},
}
```

- Doctoral dissertation:

```
@phdthesis{Clarkson:1985:ACP:911891,
author = {Clarkson, Kenneth Lee}, advisor = {Yao, Andrew C.},
title = {Algorithms for Closest-point Problems (Computational Geometry)},
year = {1985},
note = {AAT 8506171},
publisher = {Stanford University},
address = {Stanford, CA, USA},
}
```

- Master's Thesis:

```
@mastersthesis{Bruwer:1986:DMC:904765,
author = {Bruwer, Frederick Johannes},
title = {Digital Modem with Combined Convolutional Coding and Modulation
for Speech Band Data Communication. (Afrikaans Text)},
year = {1986},
note = {AAI0662099},
}
```

For an online document/WWW resource:Website year can be found at the bottom of the website page or by viewing page properties/source to see when the page was last modified.

```
@online{Thornburg01,
author ={Harry Thornburg},
year = {2001},
title ={Introduction to Bayesian Statistics},
url ={http://ccrma.stanford.edu/~jos/bayes/bayes.html},
month ={mar},
lastaccessed ={March 2, 2005},
}

@misc{ acm:###,
author = {ACM},
title = {Association for Computing Machinery: Advancing Computing as a
Science & Profession},
url = {http://www.acm.org/}
}

@misc{ wiki:###,
author = {Wikipedia},
title = {{W}ikipedia{,} The Free Encyclopedia},
year = {2017},
url = {https://www.wikipedia.org/}
}
```

For a Video (two examples):

```
@inproceedings{Novak:2003:SM:1006091.1006096,
note = {Director-Novak, Dave},
title = {Solder Man},
booktitle = {ACM SIGGRAPH 2003 Video Review on Animation Theater
Program: Part 1 - Volume 145},
series = {SVR '03},
year = {2003},
pages = {4--},
url = {https://doi.org/10.1145/1006091.1006096},
doi = {10.1145/1006091.1006096},
acmid = {1006096},
publisher = {ACM},
address = {New York, NY, USA},
}
```

```
@misc{Obama08,
author= {Barack Obama},
year= {2008},
title = {A more perfect union},
url= {http://video.google.com/videoplay?docid=6528042696351994555},
month = {mar},
lastaccessed = {March 21, 2008},
note = {},
}
```

For arXiv:

```
@article{hep-ph/9609357,
Author = {Martin Beneke and Gerhard Buchalla and Isard Dunietz},
Title = {Mixing-induced CP Asymmetries in Inclusive $B$ Decays},
Year = {1996},
Eprint = {arXiv:hep-ph/9609357},
doi = {10.1016/S0370-2693(96)01648-6},
}
```

Why I Belong to ACM

Hear from Bryan Cantrill, vice president of engineering at Joyent, Ben Fried chief information officer at Google, and Theo Schlossnagle, OmniTI founder on why they are members of ACM.

ACM Case Studies

Written by leading domain experts for software engineers, ACM Case Studies provide an in-depth look at how software teams overcome specific challenges by implementing new technologies, adopting new practices, or a combination of both. Often through first-hand accounts, these pieces explore what the challenges were, the tools and techniques that were used to combat them, and the solution that was achieved.

FOR PRACTITIONERS

Edge Computing

ACM Queue’s “Research for Practice” is your number one resource for keeping up with emerging developments in the world of theory and applying them to the challenges you face on a daily basis. RfP consistently serves up expert-curated guides to the best of CS research, and relates these breakthroughs to the challenges that software engineers face every day. In this installment of RfP is by Nitesh Mor, a PhD candidate at UC Berkeley working on the next generation of globally distributed computer systems with a special focus on data security and privacy. Titled “Edge Computing,” this RfP gives an overview of some of the most exciting work being done in the area of computing infrastructures and applications. It provides an academic view of edge computing through samples of existing research whose applications will be highly relevant in the coming years.