NCI Library
IEEE Referencing Quick Guide

National College *of* Ireland

IEEE is one referencing style used by the School of Computing in the National College of Ireland but other referencing styles such as Harvard may be used by your course – please consult with your lecturer to confirm which style they require you to use. In order to correctly reference each type of source using the IEEE style, you should include all the details, correct punctuation and italicised text as shown; see the full NCI Library Referencing Guide for further details.

In-text Citations, Paraphrasing & Quoting

When using ideas or information from another source, it is much better practice to paraphrase (i.e. change the wording) than to directly quote the source. Paraphrasing is a *key academic skill* when referencing information from other sources and helps to avoid the risk of plagiarism. It also provides the means for you to demonstrate your understanding of a source rather than relying on the exact wording.

Using IEEE, in-text citations are numbered by the order in which they appear in the text. The number is placed in square brackets [#] on the same line as the text it is referencing, at the end of the text before the punctuation or within the sentence as shown below. The author name need only be mentioned if it is integral to the meaning of the sentence.

Paraphrase example

The physical systems which are used during processing of applications can be termed as computing substrate [1].

Direct quote example

Marinescu [1, p. 56] defines computing substrate as "a generic term for the physical systems used during the processing of an application."
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Every short, basic reference has an equivalent full reference in the references at the end of your work – see the different format examples below -

Referencing Examples

Book – Single author
[1] D. C. Marinescu, *Cloud Computing: Theory and Practice*, 2nd ed. Cambridge, MA: Elsevier, 2018.

Book – Two authors
[2] T. Connolly and C. Begg, *Database Systems: A Practical Approach to Design, Implementation, and Management*, 6th ed. London: Pearson, 2015.

Book – Three or more authors
[3] I. H. Witten, E. Frank, M. A. Hall, and C. J. Pal, *Data Mining: Practical Machine Learning Tools and Techniques*, 4th ed. Cambridge, MA: Elsevier, 2017.

Book – Corporate author
{4} Microsoft, *Microsoft .NET Fundamentals: Exam 98-372*. Hoboken, NJ: Wiley, 2013.

Chapter of an edited book – Single author
[5] D. Paul, "What is business analysis?," in *Business Analysis*, 3rd ed., D. Paul, J. Cadle, and D. Yeates, Eds. Swindon: BCS, 2014, pp. 1-18.

eBook – Two authors
[6] P. Wilton and J. McPeak, *Beginning JavaScript*, 4th ed., Chichester: Wiley, 2009. [Online]. Available: https://www.dawsonera.com/ [Accessed on: Jan. 20, 2018].

Journal article – Three or more authors

[7] K. Chard, S. Caton, O. Rana, and K. Bubendorfer, "Social clouds: A retrospective," *IEEE Cloud Comput.*, vol. 2, no. 6, pp. 30-40, Nov./Dec. 2015.

eJournal article – Two authors

[8] M. Hall and S. Caton, "Am I who I say I am? Unobtrusive self-representation and personality recognition on Facebook," *PLoS One,* vol. 12, no. 9, pp. 1-23, Sept. 2017. doi: 10.1371/journal.pone.0184417

Conference paper – Three or more authors

[9] A. Bansel, H. González-Vélez, and A. E. Chis, "Cloud-based NoSQL data migration," in *2016 24th Euromicro Int. Conf. Parallel, Distributed, and Network-Based Processing (PDP), Heraklion, Crete, Greece, February 17-19, 2016*, pp. 224-231. [Online]. Available: IEEE Xplore, https://www.ieee.org/ [Accessed on: Mar. 1, 2018].

Webpage

[10] Object Management Group, "Cybersecurity initiatives," 2018. [Online]. Available: https://www.omg.org/hot-topics/cybersecurity-initiatives.htm [Accessed on: Apr. 17, 2018].

Document from a webpage

[11] H. Dixon, "Annual Report of the Data Protection Commissioner of Ireland," 2015. [Online]. Available: https://www.dataprotection.ie [Accessed on: Apr. 18, 2018].

Newspaper article – Print

[12] O. Keogh, "Motor industry faces growing threat of cybersecurity attacks," *The Irish Times: Business Technology*, p.6, Apr. 12, 2018.

Newspaper article – Online

[13] A. Hern, "Cambridge Analytica scandal 'highlights need for AI regulation'," *The Guardian: Tech*, Apr. 16, 2018. [Online]. Available: www.theguardian.com [Accessed on: Apr. 16, 2018].

Computer Software/Programme

[14] R. Ihaka and R. Gentleman, *R*, version 3.5.0. [Software]. Auckland, NZ: The R Foundation, 2018.

Patent/Standard

[15] M. J. McArdle, B. A. Johnston, P. D. R. Nathan, and J. Dool, "Automatically configuring a computer firewall based on network connection," United States Patent and Trademark Office US 7,284,267 B1, Mar. 8, 2001.

Blog

[16] B. Schmarzo, "What tomorrow's business leaders need to know about machine learning," *Data Science Central,* June 27, 2017. [Online]. Available: https://infocus.dellemc.com/william_schmarzo/machine-learning-primer-business-leaders/ [Accessed on: July 4, 2017].

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