Where to Find More Information about
Computer Graphics, Parallel Programming, and Related Topics

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1. References

1.1 General Computer Graphics

GraphBib: SIGGRAPH’s Online Bibliography Database:
https://liinwww.ira.uka.de/bibliography/Graphics/siggraph/index.html


Jim Blinn, A Trip Down the Graphics Pipeline, Morgan Kaufmann, 1996.


1.2 Vulkan

http://cs.oregonstate.edu/~mjb/vulkan


1.3 Math and Geometry


Eric Stollnitz, Tony DeRose, and David Salesin, *Wavelets for Computer Graphics*, Morgan-Kaufmann,
1996.


### 1.4 Scientific Visualization


1.5 Shaders


[http://www.clockworkcoders.com/oglsl](http://www.clockworkcoders.com/oglsl)

1.6 Gaming


2002.


http://www.gamedev.net

http://www.gamasutra.net

http://www.yoyogames.com

1.7 Color and Perception


1.8 Rendering


1.9 Images


1.10 Animation


1.11 Virtual Reality


1.12 Web


### 1.13 Stereographics


### 1.14 Graphics Miscellaneous


1.15 Parallel Programming


Aaftab Munshi, Benedict Gaster, Timothy Mattson, James Fung, and Dan Ginsburg, *OpenCL*


Rohit Chandra, Leonardo Dagun, Dave Kohr, Dror Maydan, Jeff McDonald, Ramesh Menon, Parallel Programming in OpenMP, Morgan Kaufmann, 2001.


Ian Foster, Designing and Building Parallel Programs, Addison-Wesley, 1995.

2. Periodicals

Computer Graphics and Applications: published by IEEE
(http://www.computer.org, 714-821-8380)

Computer Graphics World
(http://www.cgw.com, 603-891-0123)

Journal of Computer Graphics Techniques
(http://jcgt.org)

Computer Graphics Quarterly: published by ACM SIGGRAPH
(http://www.siggraph.org, 212-869-7440)

Computer Graphics Forum: published by Eurographics
(https://www.eg.org/wp/eurographics-publications/cgf/)

Computers & Graphics, published by Elsevier
(http://www.elsevier.com/locate/caq)

Transactions on Visualization and Computer Graphics: published by IEEE
(https://www.computer.org/csdl/journal/tg, 714-821-8380)

Transactions on Graphics: published by ACM
(https://dl.acm.org/journal/tog, 212-869-7440)

Cinefex
(http://www.cinefex.com, 951-781-1917)
3. Professional organizations

ACM ............Association for Computing Machinery
http://www.acm.org
212-869-7440

SIGGRAPH ....ACM Special Interest Group on Computer Graphics
http://www.siggraph.org
212-869-7440

SIGCHI ..........ACM Special Interest Group on Computer-Human Interfaces
http://www.acm.org/sigchi
212-869-7440

SIGHPC ..........ACM Special Interest Group on High-Performance Computing
http://sighpc.org
212-869-7440

EuroGraphics...European Association for Computer Graphics
http://www.eg.org
Fax: +41-22-757-0318

IEEE.............Institute of Electrical and Electronic Engineers
http://www.computer.org
202-371-0101

IGDA ..........International Game Developers Association
http://www.igda.org
856-423-2990

NAB ............National Association of Broadcasters
http://www.nab.org
800-521-8624

ASME ..........American Society of Mechanical Engineers
http://www.asme.org
800-THE-ASME

4. Upcoming Conferences

ACM SIGGRAPH North America:
2023: August 6-10, Los Angeles, CA (will be both in-person and online?)
http://s2023.siggraph.org

ACM SIGGRAPH Asia:
2022: December 6-9, Daegu, South Korea

2023: December 12-15 – Sydney, Australia
ACM SIGCHI:
2023: April 23-28 —Hamburg, Germany
https://chi2023.acm.org

SC: International Conference for High Performance Computing, Networking, Storage, and Analysis:
2023: November 12-17 – Denver, CO
https://sc23.supercomputing.org

OpenMPCon:
2023: ??? – ???
http://openmpcon.org

IEEE Visualization:
2023: October 22-27 – Melbourne, Australia
https://ieeevis.org/year/2023/welcome.html

Eurographics
2023: May 8-12 – Saarbrücken, Germany
https://eg2023.saarland-informatics-campus.de/

Game Developers Conference:
2023: March 20-24 – San Francisco, CA
http://www.gdconf.com

E3Expo
2023: June 13-16, 2023 – Los Angeles, CA
http://www.e3expo.com

PAX West (Penny Arcade Expo)
2023: September ??-??, 2023 – Seattle, WA
https://west.paxsite.com

ASME International Design Engineering Technical Conferences (includes the Computers and Information in Engineering sub-conference):
2023: August 20-23 – Boston, MA
https://event.asme.org/idetc-cie/program

National Association of Broadcasters (NAB):
2023: April 16-19 -- Las Vegas, NV
https://nabshow.com/2023