

Where to Find More Information about Parallel Programming and Related Topics

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1. Parallel Programming References

Michael Voss, Rafael Asenjo, and James Reinders, *Pro TBB: C++ Parallel Programming with Threading Building Blocks*, aPress Open, 2019.

Michael McCool, Arch Robison, and James Reinders, *Structured Parallel Programming*, Morgan Kaufmann, 2012.

Jim Jeffers and James Reinders, *Intel Xeon Phi Coprocessor High-Performance Programming*, Morgan-Kaufmann, 2013.

Peter Pacheco, *An Introduction to Parallel Programming*, Morgan-Kaufmann, 2011.

James Reinders and Jim Jeffers, *High Performance Parallelism Pearls*, Morgan Kaufmann, 2015.

Aaftah Munshi, Benedict Gaster, Timothy Mattson, James Fung, and Dan Ginsburg, *OpenCL Programming Guide* Addison-Wesley, 2012.

Benedict Gaster, Lee Howes, David Kaeli, Perhaad Mistry, and Dana Schaa, *Heterogeneous Computing with OpenCL*, Morgan-Kaufmann, 2012.

Wen-mei Hwu, *GPU Computing Gems I*, Morgan-Kaufmann, 2011.

Wen-mei Hwu, *GPU Computing Gems II*, Morgan-Kaufmann, 2011.

David Kirk, Wen-mei Hwu, *Programming Massively Parallel Processors: A Hands-on Approach*, Morgan-Kaufmann, 2010.

Maurice Herlihy and Nir Shavit, *The Art of Multiprocessor Programming*, Morgan Kaufmann, 2008.

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

Bradford Nichols, Dick Buttlar, and Jacqueline ProudxFarrell, *Pthreads Programming*, O'Reilly, 1998.

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

2. Professional organizations

ACMAssociation for Computing Machinery
<http://www.acm.org>
212-869-7440

SIGGRAPHACM Special Interest Group on Computer Graphics
<http://www.siggraph.org>
212-869-7440

SIGCHIACM Special Interest Group on Computer-Human Interfaces
<http://www.acm.org/sigchi>
212-869-7440

SIGHPCACM Special Interest Group on High-Performance Computing
<http://sighpc.org>
212-869-7440

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

3. Upcoming Conferences – this information is changing quickly these days!

ACM SIGGRAPH:

2020: Washington, DC – July 19-23?????
<http://s2020.siggraph.org>
2021: Los Angeles, CA

ACM SIGGRAPH Asia:

2020: Daegu, South Korea – November 17-20
<http://sa2020.siggraph.org/>

ACM SIGCHI:

~~2020: Honolulu, HI – April 25-30 ---Cancelled~~
2020: Parts of this conference might be virtual – April 25-30
<http://www.sigchi.org>

SC: International Conference for High Performance Computing, Networking, Storage, and Analysis:

2020: Atlanta, GA -- November 15-20
<http://sc20.supercomputing.org>

OpenMPCon:

2020: Austin, TX – September 21-23
<http://openmpcon.org>

IEEE Visualization:

2020: Salt Lake City, UT– October 26-30
<http://ieeevis.org>

Eurographics

~~2020: Norrköping, Sweden – May 25-29 -- Cancelled~~
2020: Virtual – May 25-29
<http://www.eg.org>

Game Developers Conference:

~~2020: San Francisco, CA – March 16-20 -- Cancelled~~
2020: Virtual – August 4-6
<http://www.gdconf.com>

E3Expo

~~2020: Los Angeles, CA – June 9-11 -- Cancelled~~
<http://www.e3expo.com>

PAX West (Penny Arcade Expo)

2020: Seattle, WA – September 4-7
<http://www.paxsite.com>

ASME International Design Engineering Technical Conferences (includes the Computers and Information in Engineering sub-conference):

2020: St. Louis, MO – August 16-19
<https://www.asme.org/events/idetccie>

National Association of Broadcasters (NAB):

~~2020: Las Vegas, NV – April 18-22 -- Cancelled~~
2020: Virtual – May 13-14
<http://www.nabshow.org>