"The Art of Community" by Jono Bacon

"Producing Open Source Software" by Karl Fogel

"Team Geek" by Brian Fitzpatrick & Ben Collins-Sussman

"Organizing Simulation Code Collectives" by Mikaela Sundberg

"Scientific Software Production" by James Howison & James Herbsleb

"Your Community is your Best Feature" by Gina Trapani

"The Proof of the Pudding" by John Allsopp

"Standing Out in the Crowd" by Skud

http://www.nature.com/sdata/

H. Johansen and L. Curfman McInnes (co chairs). ASCR workshop on software productivity for extreme-scale science, January 2014. http://www.orau.gov/swproductivity2014/SoftwareProductivityWorkshopReport2014.pdf.

Also visit http://flash.uchicago.edu/cc2012/
for presentations about various community codes;
Workshop in SC13 on sustainable software for science
http://wssspe.researchcomputing.org.uk/ and the next installment to be held in SC14

A. Dubey, K. Weide, D. Lee, J. Bachan, C. Daley, S. Olofin, N. Taylor, P.M. Rich, and L.B. Reid. Ongoing verification of a multiphysics community code: FLASH. Software: Practice and Experience, 2013.

R.M. Betz and R.C. Walker. Implementing continuous integration software in an established computational chemistry software package. In SE-CSE San Francisco, USA, 2013.

CASC. SAMRAI structured adaptive mesh refinement application infrastructure. https://computation.llnl.gov/casc/SAMRAI/, December 2007. Center for Applied Scientific Computing, Lawrence Livermore National Laboratory.

P. Colella, D. T. Graves, D. Modiano, D. B. Serafini, and B. van Straalen. Chombo software package for AMR applications. Technical report, Lawrence Berkeley National Laboratory, 2000. http://seesar.lbl.gov/anag/chombo/.

A. Dubey, K. Antypas, A. Calder, B. Fryxell, D.Q. Lamb, P. Ricker, L. Reid, K. Riley, R. Rosner, A. Siegel, F. Timmes, N. Vladimirova, and Klaus Weide. The software development process of flash, a multiphysics simulation code. In SE-CSE San Francisco, USA, 2013.

A. Dubey, K. Antypas, A.C. Calder, C. Daley, B. Fryxell, J.B. Gallagher, D.Q. Lamb, D. Lee,
K. Olson, L.B. Reid, P. Rich, P.M. Ricker, K.M. Riley, R. Rosner, A. Siegel, N.T. Taylor, F.X. Timmes, N. Vladimirova, K. Weide, and J. ZuHone. Evolution of FLASH, a multiphysics scientific simulation code for high performance computing. International Journal of High Performance Computing Applications, 28(2):225–237, 2013.

A. Dubey, K. Antypas, M.K. Ganapathy, L.B. Reid, K. Riley, D. Sheeler, A. Siegel, and K.

Weide. Extensible component based architecture for FLASH, a massively parallel, multiphysics simulation code. Parallel Computing, 35:512–522, 2009.

Martin Fowler, Kent Beck, John Brant, William Opdyke, and Don Roberts. Refactoring: Improving the Design of Existing Code. Addison-Wesley Professional, 1999.

Chris Hill, Cecelia DeLuca, Max Suarez, Arlindo da Silva, et al. The architecture of the earth system modeling framework. Computing in Science & Engineering, 6(1):18–28, 2004.

R.D. Hornung and S.R. Kohn. Managing application complexity in the SAMRAI object-oriented framework. Concurrency and Computation: Practice and Experience, 14(5):347–368, 2002.

A.Nanthaamornphong, K. Morris, D.W.I. Rouson, and H.A. Michelsen. A case study: Agile development in the community laser-induced incandescence modeling environment (cliime). In SE-CSE San Francisco, USA, 2013.

G. L. Bryan, M. L. Norman, B. W. O'Shea, T. Abel, J. H. Wise, M. J. Turk, D. R. Reynolds, D. C. Collins, P. Wang, S. W. Skillman, B. Smith, R. P. Harkness, J. Bordner, J.-h. Kim, M. Kuhlen,
H. Xu, N. Goldbaum, C. Hummels, A. G. Kritsuk, E. Tasker, S. Skory, C. M. Simpson, O. Hahn,
J. S. Oishi, G. C. So, F. Zhao, R. Cen, Y. Li, and The Enzo Collaboration. ENZO: An Adaptive Mesh Refinement Code for Astrophysics. The Astrophysical Journal Supplement, 211:19, April 2014.

Marek Blazewicz, Ian Hinder, David M Koppelman, Steven R Brandt, Milosz Ciznicki, Michal Kierzynka, Frank L¨offler, Erik Schnetter, and Jian Tao. From physics model to results: An optimizing framework for cross-architecture code generation. Scientific Programming.

Soon-Heum Ko, Kum Won Cho, Young Duk Song, Young Gyun Kim, Jeong-su Na, and Chongam Kim. Development of Cactus driver for CFD analyses in the grid computing environment. In Advances in Grid Computing - EGC 2005, volume 3470, pages 771–777, 2005.