



Você viu?!

É muito importante se manter atualizado sobre o que as demais sociedades publicam em seus websites, revistas e boletins. Seguem algumas publicações interessantes sobre temas relacionados aos discutidos na SBC Horizontes.

IEEE Potentials Volume 31 Number 5, November/December 2012

Ruzylo on the Process of Converting an Idea into a Commercial Product. J. Ruzylo

<http://dx.doi.org/10.1109/MPOT.2012.2213495>

Lesson Plans [My First Job]. C. Desmond

<http://dx.doi.org/10.1109/MPOT.2012.2212296>

IEEE Potentials Volume 31 Number 4, September/October 2012

The Good, the Bad, and the Ugly!. R.E. Floyd, R.H. Spencer

<http://dx.doi.org/10.1109/MPOT.2012.2201339>

Screams, Themes, and Dreams: Your Ticket to Amusement Park Engineering. C. Causer

<http://dx.doi.org/10.1109/MPOT.2012.2206439>

The Accumulation of Life Experiences [My First Job] C.A. Siller

<http://dx.doi.org/10.1109/MPOT.2012.2206671>

IEEE Computer Volume 45 Issue 11, November 2012

Debugging on the Shoulders of Giants: Von Neumann's Programs 65 Years Later. B.Fagin, D. Skrien [A study that examined and executed the programs John von Neumann wrote for the IAS machine reveals time-tested truths about computer architecture, side effects, instruction set design, and automatic programming-truths all foreseen by von Neumann and his team more than 50 years ago.]

<http://dx.doi.org/10.1109/MC.2012.69>

Sustainable IT: Challenges, Postures, and Outcomes. E. Curry

<http://dx.doi.org/10.1109/MC.2012.385>

Love the Show!. D.A. Grier, E.D. Dumbacher [There are some problems that engineered approaches can't solve, and building a reputation - a problem of marketing and people - is one of them. The Web extra at <http://youtu.be/wfp1BiiXcjo> is an audio podcast in which authors David Alan Grier and Erin Dian Dumbacher discuss building computer engineering's reputation.]

<http://dx.doi.org/10.1109/MC.2012.380>

IEEE Computer Volume 45 Issue 10, October 2012

Should Everyone Go to College? A.E.K. Sobel [The combination of ability, interest, potential for commensurate employment, and reasonable cost should direct an individual's career path.]

<http://dx.doi.org/10.1109/MC.2012.352>

Underrepresented Youth Creating Culturally Relevant Games. P. Gruenbaum

<http://dx.doi.org/10.1109/MC.2012.357>

Portfolio Mining. K.P.C. Madhavan et al [Portfolio mining facilitates the creation of actionable knowledge, catalyzes innovations, and sustains research communities.]

<http://dx.doi.org/10.1109/MC.2012.351>

The Computer in the Mirror. D.A.Grier, E.D.Dumbacher [Computer science seems to be moving rapidly into the social sciences, not to build machines that simulate our actions but to hold up a mirror to our lives.]
<http://dx.doi.org/10.1109/MC.2012.356>

IEEE Computer Volume 45 Issue 9, September 2012

Innovation Mashups: Academic Rigor Meets Social Networking Buzz. D.S.Milojicic et al [Exploring new options for publishing and content delivery offers an enormous opportunity to improve the state of the art and further modernize academic and professional publications.]
<http://dx.doi.org/10.1109/MC.2012.313>

It's complicated. D.A.Grier, E.D.Dumbacher [Was the code-breaking era of computers the industry's high point? The Web extra at <http://youtu.be/0iuh00Qe6CU> is an audio podcast of authors David Alan Grier and Erin Dian Dumbacher, in which they discuss the importance of analyzing increasingly complex data.]
<http://dx.doi.org/10.1109/MC.2012.314>

Communications of the ACM Vol.55 Issue 12, December 2012

In the Year of Disruptive Education. P.Hyman. [As college tuitions soar, various online models vie to educate college students worldwide — at no cost.]
<http://dx.doi.org/10.1145/2380656.2380664>

Moods. P.J.Denning. [Recognizing and working with moods -your own, your team's, your customers' - is essential to professional success.]
<http://dx.doi.org/10.1145/2380656.2380668>

Why We Need an ACM Special Interest Group for Broadening Participation. T.A.Dahlberg. [A proposal for an international group focused on broadening participation.]
<http://dx.doi.org/10.1145/2380656.2380669>

Communications of the ACM Vol.55 Issue 11, November 2012

Will MOOCs Destroy Academia? M.Y.Vardi. ["Thy destroyers and they that made thee waste shall go forth of thee," wrote the prophet Isaiah. This phrase has been popping into my mind as I have been following the recent raging discussions over the topic of MOOCs.]
<http://dx.doi.org/10.1145/2366316.2366317>

Major Update to ACM's Computing Classification System. B.Rous. [ACM has completed a major update of its Computing Classification System (CCS), which has served as the de facto standard for classifying the computing literature since 1964.]
<http://dx.doi.org/10.1145/2366316.2366320>

Learning to Teach Computer Science: The Need for a Methods Course. Aman Yadav, John T. Korb. [A multipronged approach to preparing computer science teachers is critical to success.]
<http://dx.doi.org/10.1145/2366316.2366327>

Communications of the ACM Vol.55 Issue 10, October 2012

Where is the Science in Computer Science? Vinton G. Cerf [The term "computer science" raises expectations, at least to my mind, of an ability to define models and to make predictions about the behavior of computers and computing systems.]
<http://dx.doi.org/10.1145/2347736.2347737>

Computer Science and the Three Rs. Leah Hoffmann. [A growing sense of crisis prevails as computer science searches for its place in the K-12 curriculum.]
<http://dx.doi.org/10.1145/2347736.2347743>

Communications of the ACM Vol.55 Issue 9, September 2012

The Need to Balance Innovation and Implementation in Broadening Participation. R. E. Ladner, E.Litzler [Seeking to improve the process for writing and reviewing proposals for new educational programs.]
<http://dx.doi.org/10.1145/2330667.2330679>

Author Order: What Science Can Learn from the Arts. E. Marcos, J.M. Vara, V. de Castro. [Some thoughts about author order in research papers.]
<http://dx.doi.org/10.1145/2330667.2330680>

Q&A: What Women Want. L. Hoffmann [Harvey Mudd College president Maria Klawe talks about increasing the number of women who study computer science.]
<http://dx.doi.org/10.1145/2330667.2330693>

ACM InRoads Volume 3 Issue 4, December 2012

Question: how to teach professionalism?: answer: commit early and recommit often. D. Gotterbarn
<http://dx.doi.org/10.1145/2381083.2381086>

Systematic literature reviews and undergraduate research. T. Clear
<http://dx.doi.org/10.1145/2381083.2381087>

Why is Research Uncommon in the Computing Education Universe? R. Lister
<http://dx.doi.org/10.1145/2381083.2381090>

Are there enough seats for women at the IT table? Eileen M. Trauth
<http://dx.doi.org/10.1145/2381083.2381099>

Nature 492 (7429) 20 December 2012

Science publishing: Open access must enable open use. Cameron Neylon [Those wishing to maximize the benefits of public research must require more than free access, says Cameron Neylon — they must facilitate reuse.]
<http://dx.doi.org/10.1038/492348a>

Nature 492 (7428) 13 December 2012

Computer engineering: Feeling the heat. Philip Ball [The more that microcircuits are shrunk, the hotter they get. Engineers are on the hunt for ways to cool off computing.]
<http://dx.doi.org/10.1038/492174a>

Research methods: Know when your numbers are significant. David L. Vaux [Experimental biologists, their reviewers and their publishers must grasp basic statistics, urges David L. Vaux, or sloppy science will continue to grow.]
<http://dx.doi.org/10.1038/492180a>

Nature 492 (7425) 21 November 2012

Nature's sexism. [The editors of this publication need to improve how we reflect women's contributions to science. For this, we must inject an extra loop into our thinking.]
<http://dx.doi.org/10.1038/491495a>

Nature 492 (7420) 18 October 2012

Research policy: How to build science capacity. [Eight leaders propose ways to boost research in their countries in the next decade.]
<http://dx.doi.org/10.1038/490331a>

Collaborations: The rise of research networks. Jonathan Adams [New collaboration patterns are changing the global balance of science. Established superpowers need to keep up or be left behind, says Jonathan Adams.]
<http://dx.doi.org/10.1038/490335a>

Innovation: Brushing up on business. Neil Savage [Entrepreneurship training can open up new avenues for scientists. And it doesn't take a business degree.]
<http://dx.doi.org/10.1038/nj7420-435a>

Nature 492 (7418) 04 October 2012

Digital archives: Don't let copyright block data mining. Matthew L. Jockers, Matthew Sag & Jason Schultz [They explain why humanities scholars have pitched in to the Authors Guild v. Google lawsuit.]
<http://dx.doi.org/10.1038/490029a>