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Russell Hanson – SciColab Web 2.0 Scientific Collaboration



by [Bill Erickson](#) on February 8, 2010

About the Talk

Scientific collaboration, that hallmark of collaborative scientific endeavor varies greatly among different disciplines. What is in common on all scientific publications is the author list. In SciColab a framework for forming scientific collaborations using Web 2.0 technology is presented. Comments can be made on published papers, interested readers can communicate between each other, and new collaborative groups can be formed to do new research work. This streamlines the discovery process beyond what is capable on pre-print servers and electronic mail and is “open access” publishing at its best.

About the Speaker

Russell Hanson was born in Palo Alto, CA on May 2, 1981 and grew up in California and

Bloomington, IN. From 1999–2003 he studied in Portland, Oregon at Reed College, completing a bachelor’s degree in Physics. In 2005 he received an M.S. in Biology from Georgia Tech and his PhD studies were in Chemistry at Boston University. His research interests are varied and span machine learning and statistical learning, chemical engineering, biophysical and medicinal chemistry, quantitative finance, algorithmic trading and technology, synthetic biology and computational biology, quantum computation and information, natural language processing, and mathematical logic and recursion theory. Past academic appointments include Harvard, MIT, and the Technical University of Berlin. An entrepreneur and businessman, in 2008 he founded SciColab.com a collaborative website for scientists and researchers, co-founded LobeLink.com a web annotation and recommendation engine company, founded Reducible Systems, Inc a quantitative consulting company, and in 2009 co-founded TagHalo.com a word tag cloud-based information browsing/search system.

Tagged as: [communication](#), [future](#), [innovation](#), [opensource](#), [science](#), [technology](#)

{ 2 comments... read them below or [add one](#) }



Todd [February 11, 2010 at 12:57 pm](#)

This is very necessary... just one point I want to make....

Please please please tell me that there’s not data lock in on these tools!

I’m protesting communication silos that don’t have open access to the data. #BIL10



Russell Hanson [February 20, 2010 at 7:47 pm](#)

I’m not sure what “data lock in on these tools” means, unless you mean “data lock-in”.

The only public data is what is published or otherwise agreed to be disclosed by the participants in the group, essentially by publishing. Groups have four permissions levels: public, private, open, and invisible. Providing open access to the data in the groups would be like publishing people’s private email correspondence, etc. Of course this is not done. This is not a data-silo; neither is it semantic grid or digital preservation as they are called. Groups have control over what data is published.

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BIL 2010 will be Feb 12-14 in Long Beach, CA.

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billerickson

26 days ago

Just posted one of my favorite #bil10 talks, Steve Jurvetson on Rockets! - <http://bit.ly/900lxP> #bil



asynaps

37 days ago

@nataliaenvy wondering when gonna get #bil10 flip cam prize she promised to send me? :(



nanostep

52 days ago

@62MileClub #bil10 Good video & interviews :)

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