Publications by Ian Benson

(Organized by type, chronological order).
Updated October, 2015

Books and edited collections:

B1. Computer Technology and Employment, National Computer Centre, 1979. This book contained an edited version of the proceedings of an AUEW(TASS) conference (co-hosted by the National Computing Centre) held in 1978 on how computer technology was positively and negatively affecting jobs, policies of trade unions, and other areas.


Books written or co-authored:


B5. Reasoning about Contingent Events in Distributed Systems, King's College, Cambridge, 1992 (PhD dissertation)


Refereed Conference Presentations and Articles


S11. Mathematics as Language, Association of Teachers of Mathematics Conference, April 2011

S12. Experiences with the Cui Curriculum, Association of Teachers of Mathematics Conference, April 2012

S13. Introduction to the Cui Approach: Part 1 Early Algebra and Part 2 Metamathematics and Formative Assessment, Association of Teachers of Mathematics Conference, April 2013

S14. “Getting Started with Early Algebra,” (with J. Cane and S. Spencer), Primary Mathematics, Mathematical Association, January 2015

S15 “Functional relationships between patterns of Cuisenaire rods,” Mathematics Teacher, March 2015

S16 “Experiences with Early Algebra,” (with J. Cane and S. Spencer), Primary Mathematics, Mathematical Association, September 2015

Articles, Videos, Podcasts, Blogs on public policy, technology and manpower planning


P8. “Back to Barter,” Executive Produced with Robb Wilmot, Adrian Johnson, and Ed Goldwyn. This formed the CiTI IT Keynote, a 45-minute VHS published by Sybase Inc., 1993


P14. http://www.youtube.com/user/socialitydottv, March 2008-
P15. "Dispatches from the maths wars," Prospect First Drafts, April 2008
http://www.prospectmagazine.co.uk/2008/04/raising-gattegnos-standard-despatches-from-the-uk-math-war/


P18. http://tizard.stanford.edu/users/ianbenson/blog/, 2010-


P21. "To boldly go: can we all be scientific?," Improvement Magazine, Aspect, Spring 2012


P23 "Combination Acts: How schools as self-organised systems can improve and change," Improvement Magazine, Aspect, Autumn 2012


P25 "A mobile learning strategy for the Nation?" Improvement Magazine, Aspect, Spring 2014 (with Melody Drewry)

P26 "Can computer science rescue mathematics reform?" Cambridge University Computer Laboratory Ring Magazine, September 2014

Technical Reports


T4. "Object-Oriented Enhancements to IDEF," with Adrian Johnson, OASiS Research TR-3, 1992


T12. "Mathematical Structures for Reasoning about Emergent Organisation", with Steve Everhard, Andrew McKer- 
nan, Ben Galewsky Chris Partridge, 8th ACM Conference on Computer-Supported Cooperative Work Workshop  
"Beyond Workflow Management: Supporting Dynamic Organizational Processes", 2000

T13. "Practical Protocol Analysis for System Decomposition and Synthesis", Logic and Semantics Seminar, Cam- 
bridge University Computer Laboratory, 2001

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