

PRODUCTS

Relevant and Other Publications

1. Robson R. (2015). Improving Education, Training and Career Advancement through Competency Portability. *The Interservice/Industry Training, Simulation & Education Conference (I/ITSEC) 2015*
2. Robson, E. & Robson R. (2014) Automated Content Alignment for Adaptive Personalized Learning. *The Interservice/Industry Training, Simulation & Education Conference (I/ITSEC) 2014*
3. Ray, F., Brawner, K., Robson, R., (2014). Automating ADDIE. Proceedings of the Intelligent Tutoring Systems 2014 Conference, Honolulu, Hawaii, June 2014.
4. Robson, R., Ray, F., & Cai, Z. (2013). Transforming Content into Dialogue-based Intelligent Tutors. In *The Interservice/Industry Training, Simulation & Education Conference (I/ITSEC) (Vol. 2013, No. 1)*. National Training Systems Association.
5. C.C. Rode, R. Robson, A. Purviance, Geary, D., & Meyer, U. (2014) Is Working Memory Training Effective? A Study in a School Setting? *PLOS One*. August 27, 2014.
6. Cull, P., Flahive, M., Robson, R. (2005). *Difference Equations from Rabbits to Chaos*. An Undergraduate Text in Mathematics. Springer Verlag.
7. Robson, R. (2007). Reusability and Reusable Design. Chapter in Second Edition of *Trends and Issues in Instructional Design* edited by John V. Dempsey and Robert A. Reiser. Merrill / Prentice-Hall, Upper Saddle River, New Jersey
8. Robson R., Norris D., Lefrere, P., Collier G., Mason, J. (2003) A Revolution in Knowledge Sharing. *Educause Review*, Sept/Oct 2003, 38 (5), 14 – 26. Educause, Washington, DC.
9. Robson R. (2001). Pedagogic Metadata. *Interactive Learning Environments*, 9 (3), 207 – 218, Swets & Zeitlinger, the Netherlands.
10. Robson, R. and Shor, M. (2000) A Student-Centered Feedback Control Model of the Educational Process. *Frontiers in Education Conference, 2000. FIE 2000. (2) S1A/14 -S1A/19*

Software

DECALS, semantic / personalized search, machine-interpretable metadata	2013 – 2015
TRADEM, generates expert models and intelligent tutors from didactic content	2013 – 2015
RUSSEL, an open source learning object repository with reusability support	2012 – 2013
Eduworks semantic analysis engine (multiple research/commercial applications)	2008 – Present
Corporate competency management and document analysis solutions	2011 – Present
Eduworks tools for technology-based conversion of legacy courseware	2008 – 2011
XML SCORM Studio (later, SCORMWorks), a SCORM postproduction tool	2004 – 2010
LMS and LCMS components for Saba Software and for Eduworks customers	2000 – 2011
Academic online learning environments for calculus, probability, etc.	1995 – 2000

Standards

Contributed to multiple learning technology standards (IEEE, IMS GLC, ADL) 2001 – 2007

Currently serving on Technical Advisor Committee of the Lumina Credential Transparency Initiative, as a member of the Learning Resource Metadata Initiative, and contributing to the IEEE Actionable Data Book Standard