

Julian M. Bass B.Sc. (Hons) M.Ed. Ph.D. C.Eng. FBCS CITP SFHEA

OVERVIEW

Researcher and educator in socio-technical systems focusing on global enterprise software implementation across multinational teams and large-scale project management. After a research career break in the software industry and as an international development worker, I am creating new knowledge in global software engineering, deployment of cloud-hosted software services and ICT for international development in the global south (ICT4D). Committed to identifying, creating and facilitating innovative learning opportunities for practitioners and students.

EDUCATION

- **M.Ed., Teaching and Learning for University Lecturers**, University of Sheffield, 2003.
- **Ph.D., Voting in Real-Time Distributed Computer Control Systems**, University of Sheffield, 1996.
- **B.Sc., 2.1 Hons. Computer Systems Engineering**, University of Wales, Bangor, 1990.

ACADEMIC HONOURS AND AWARDS

- University of Salford, Higher Education Innovation Funding (HEIF), Innovation Award, February 2018.
- KTP Project, from April 2013 to October 2017, with Add Latent Ltd achieved highest grade of **Outstanding** (Certificate No. KTP009181)
- **Senior Fellow** (SFHEA), Higher Education Academy (Recognition Ref PR10185), November 2016.
- **Outstanding Service Award**, International Federation for Information Processing, January 2014.
- **Senior Member** (SMIEEE), Institute of Electrical and Electronic Engineers, 2009.
- **Chartered Fellow** (FBCS), British Computer Society, 2009.
- Millennium (Ethiopian Calendar) **Gold Medal**, Debre Berhan University, 2009 (Recipient of the first Millennium Gold Medal to be awarded by Debre Berhan University for “outstanding contribution” to the University).
- **Chartered Information Technology Professional** (CITP), British Computer Society, 2004.
- **Chartered Engineer** (CEng), Engineering Council (Registration Number 516767), 1999.

RESEARCH

Current research focused in the areas of global software engineering, cloud hosted software-as-a-service application architectures and ICT for international development in the global south.

- Published over 100 peer reviewed academic conference papers and journal articles (17/3/2018) with a Google Scholar H-index 15 and 854 citations, ResearchGate H-index 13, 585 citations, 5,600 reads, score 20.25 and Scopus H-index 9 and 316 citations.
- Published sole authored articles in high impact software engineering journals: Empirical Software Engineering (Impact Factor 3.275, ranked 7 out of 103 journals, Thomson Reuters Journal Citation Reports, 2016) and Information and Software Technology (Impact Factor 2.694, Ranked 16 out of 103 journals, Thomson Reuters Journal Citation Reports, 2016).
- 125 citations for “A taxonomy for software voting algorithms used in safety-critical systems.” IEEE Transactions on Reliability, 53(3), (2004), (Google Scholar, 17/3/2018).
- Provided successful front-line PhD supervision (M. Hajji, G. Latif-Shabgahi, R. Gittins, and A. D. Abubakar, (2016), L. C. Ochei (May 2017), A. Omar (June 2017).
- Current PhD Supervision: A. Adewojo, Santosh More, A. Abdul, A. M. Hamed, Scarlet Rahy, Ruth McKee (Expected Sept 2018).

RESEARCH (CONT.)

- PhD Internal examiner: (RGU) F. Fournier (2012), PhD Independent Chair: Lee Read (2015), Paul Jones (2017).
- PhD External Examiner: Bojelo Esther Seuhula-Mooketsi (2015, Cape Town), Negar Monazam Tabrizi (2016, University of Manchester), Solomon Gizaw (2016, LERO Irish Software Centre/University of Limerick, Republic of Ireland).

INCOME GENERATION

Funding Source	Institution	Role	Amount	Dates
University of Salford (HEIF) Innovation Award	Salford	PI	£10k	Feb. 2018
Technology Strategy Board KTP (Add Latent Ltd)	Salford	PI	£142k	Apr. 2017
Innovate UK KTP (Add Latent Ltd)	Salford	PI	£125k	Aug. 2015
Carnegie Trust	RGU	PI	£3k	Nov. 2013
Higher Education Academy	RGU	PI	£10k	Aug. 2013
Technology Strategy Board KTP (Add Latent Ltd)	RGU	PI	£198.5k	Aug. 2013
ConocoPhillips (UK)	RGU	Consultant	£4.25k	Jan. 2013
ConocoPhillips (UK)	RGU	Course Instructor	£5.2k	Nov. 2012
UKIERI (British Council)	RGU	PI	£1.8k	Sept. 2012
NIIT Technology Pvt. Ltd	RGU	Grant Holder	£2k	June 2012
Add Latent Ltd (dePICT Project)	RGU	Grant Holder	£10k	May 2012
Scottish Funding Council	RGU	Co-Applicant	£195k	March 2011
Aberdeen City Council	RGU	Grant Holder	£5k	March 2011
UK Science and Innovation Network	X Lab Mentoring Ltd	Grant Holder	£19.5k	Dec. 2010
UK Science and Innovation Network	X Lab Mentoring Ltd	UK delegation coordinator	£20k	Jan. 10
EPSRC (GR/M53288)	Bangor University	PI	£52k	Dec. 1999
EPSRC (GR/M55282)	Bangor University	PI and Technical Director	£148k	Sept. 1999
EPSRC (GR/M55305)	Manchester University	Technical Director	£180k	Sept. 1999
EPSRC (GR/M55299)	Sheffield University	Technical Director	£148k	Sept. 1999

ACADEMIC /TEACHING EXPERIENCE

Aug. 2017 – Present

Senior Lecturer, University of Salford, The Crescent, Salford, M5 4WT

2015 –2017

Lecturer, University of Salford, The Crescent, Salford, M5 4WT

ACADEMIC /TEACHING EXPERIENCE (Cont.)

2013 – 2015

Senior Lecturer, Robert Gordon University, Riverside East, Garthdee Road, Aberdeen, AB10 7GJ

2010 – 2013

Lecturer, Robert Gordon University, Riverside East, Garthdee Road, Aberdeen, AB10 7GJ

2003 – 2012

Founding Director, X Lab Mentoring Ltd, 104 Deganwy Road, Llanrhos, Llandudno, LL30 1NA, UK

April 2010 to July 2010

Lecturer (fixed contract), University of East Anglia, Norwich Research Park, Norwich, NR4 7TJ

2008 – 2009

Higher Education Information Technology Advisor, Higher Education Strategy Centre, Ministry of Education, P.O. Box 110577, Addis Ababa, Ethiopia

2007 – 2008

Information Technology Advisor, (*Placement with NGO Voluntary Service Overseas*) Debre Berhan University, P.O. Box 445, Debre Berhan, Ethiopia

2006 – 2007

Information Technology Advisor, (*Placement with NGO Voluntary Service Overseas*) Debre Berhan College of Teacher Education, P.O. Box 445, Debre Berhan, Ethiopia

2004 – 2006

Worldwide Technical Training Manager, Chordiant Software Inc. (outsourced through Business Agility Ltd), Cupertino, CA.

2000 – 2004

Training and Development Consultant, Chordiant Software Inc. (outsourced through Business Agility Ltd), Cupertino, CA.

1998 – 2000

Lecturer, University of Wales, Bangor, Gwynedd LL57 2DG

1996 – 1998

Lecturer (fixed contract), University of Sheffield, Western Bank, Sheffield, S10 2TN

HIGHLIGHTS OF PROFESSIONAL EXPERIENCE

- Implemented Salford HackCamp January 2018, all Level 5 students (90 students) working in teams using agile software development methods and successfully implementing systems for Youth Charter, Competa bv The Hague, International Labour Organisation, Geneva, BCS, the Chartered Institute for IT, Manchester Branch, and Energy House, University of Salford.
- Revised Software Engineering theme in Computer Science and Software Engineering programmes resulting in the implementation new and revised modules (Salford).
- BSc Software Projects with Agile Techniques module January 2017, arranged external client (BCS, Chartered Institute for IT) for two groups to create and deliver “dating” site for placement students and employers (Salford).
- MSc Software Engineering, Agile Software Project Management module, students completed key aspects of the Enterprise Kenya portal for the Kenya IT Authority, working with software practitioners from Competa BV, in The Hague, Netherlands (Salford).
- International software engineering student project to create cross-functional working between students in India and the UK. Collaborated with the International Institute for IT, Bangalore, India, leading to British Council UKIERI travel grant, £10k HEA research funding and HEA STEM publications (Bass, Ramanathan and Lalchandani, 2013) and (Bass, Lalchandani and McDermott, 2014).
- Supervision of successful BSc (Hons) and MSc projects, including Wuraola Jinadu winner of BCS Women Lovelace Colloquium, Best MSc Project Poster 2012.

Curriculum Development

- External Advisor, University of East London, MSc ICTs and Development, 2012.
- Supervised redesign of commercial course portfolio around J2EE architecture designer, developer and business analyst job functions, 2004-06.
- Course Director, BSc in Computer Science, Bangor University, developed initial curriculum, 2000.
- Course Director, MSc in Systems Engineering, Sheffield University, major curriculum revision, 1998.

Curriculum Development (HE Ethiopia)

- Co-authored and edited the national Computing Curriculum Benchmark and Guidance Notes (Bass, Kifle and Mesfin, 2008). Benchmarking discussed in (Bass & Heeks, 2011).
- Computing degrees (CS, IS and IT) in all public universities extended from 3 to 4 years duration.
- First Ethiopian Information Technology Bachelors Degrees, launched at 3 public universities.
- First Ethiopian Information Systems Bachelors Degrees launched at 4 public universities.
- Implemented revision of Computer Science Bachelors Degrees at 21 universities through national benchmark.

ADMINISTRATION

- Member Teaching, Learning and Assessment Sub-Committee, RGU (2013 – 2015).
- Member Faculty of Design and Technology Quality Enhancement Sub-Committee, RGU (2013 – 2015).
- Chair of Teaching and Learning Committee, School of Computing Science and Digital Media, RGU, (2013 – 2015).
- Institute for Innovation, Design and Sustainability, executive committee member (2012 – 2015).
- Faculty of Design and Technology, Business Development Group member (2011 – 2015).

PROFESSIONAL ACTIVITIES

- External Examiner, University of Manchester, MSc Management Information Systems,
- International Conference Co-Chair, International Federation for Information Processing (IFIP) Working Group on the Social Implications of Computing in Developing Countries (WG 9.4), Yogyakarta, Indonesia, 2017.
- Programme Chair, European Workshop on Iterative and Incremental Approaches to ICT4D, IFIP Working Group on the Social Implications of Computing in Developing Countries (WG 9.4), Aberdeen, May 2014.
- Secretary of the International Federation for Information Processing (IFIP) Working Group on the Social Implications of Computing in Developing Countries (WG 9.4), (2009-13).
- Programme Committee member Workshop on Large-Scale Agile Development (at XP2017 conference).
- Programme Committee member IADIS Information Systems Conference, (Lisbon and Madrid), 2013-14.
- Panel Member, Student Publication Strategies, IFIP International Conference on Social Implications of Computing in Developing Countries, Negombo, Sri Lanka, May 2015.
- Track Co-Chair, IFIP International Conference on Social Implications of Computing in Developing Countries, 2013-current.
- Programme Committee member IFIP International Conference on Social Implications of Computing in Developing Countries, 2011-current.
- Reviewer (2015), Journal of Systems and Software (Elsevier), Information Systems Journal (Wiley), Journal of Cloud Computing (Springer)

PROFESSIONAL ACTIVITIES

- BCS, The Chartered Institute for IT
Chair, Manchester Branch (Nov. 2016 - current).
Manchester Branch Committee Member (Nov. 2015 – current).
Chartered Membership Assessor (Jul. 2013 – current).
Aberdeen Branch Committee Member (Sept. 2012-Aug. 2015).
Academic Accreditation Committee member (2005-06).
Academic Accreditation panel member at: Huddersfield, Cambridge, Manchester, Salford, City (London),
Durham, Central Lancashire, Bedfordshire and Heriot-Watt.

SELECTED PUBLICATIONS

Books (Edited)

J. Choudrie, M. S. Islam, F. Wahid, J. M. Bass, & J. E. Priyatma. (Eds.), Information and Communication Technologies for Development (Vol. 504 14th IFIP WG 9.4 International Conference on Social Implications of Computers in Developing Countries, ICT4D 2017, Yogyakarta, Indonesia, May 22-24, 2017, Proceedings). Springer Nature. isbn: 978-3-319-59110-0, doi: 10.1007/978-3-319-59111-7

Book Chapters

S. Negash and J. M. Bass, “Educating the Educators: The case of IT PhD in Ethiopia,” in B. D. Lundy and S. Negash (Eds.), “Teaching Africa in the 21st Century Classroom,” Indiana University Press, 2013, pp. 240-52.

Journal Articles: Refereed

J. M. Bass, 2016. Improving writing processes using lean and Kanban. Learned Publishing. Wiley, October 2016, pp. 307–310, doi:10.1002/leap.1045

J. M. Bass, Artefacts and Agile Method Tailoring in Large-Scale Offshore Software Development Programmes, Information and Software Technology, Elsevier, Vol. 75, July 2016, pp. 1 - 16, doi: 10.1016/j.infsof.2016.03.001.

L. C. Ochei, J. M. Bass and A. Petrovski, Taxonomy of Deployment Patterns for Cloud-hosted Applications: A Case Study of Global Software Development (GSD) Tools, International Journal On Advances in Software, IARIA, Vol. 8, No 3&4, 2015, pp. 420 - 434.

J. M. Bass, How Product Owner Teams Scale Agile Methods to Large Distributed Enterprises, Empirical Software Engineering, Springer, Vol. 20, No. 6, Dec. 2015, pp. 1525-1557, doi: 10.1007/s10664-014-9322-z.

A. A. Dahiru, J. M. Bass and I. Allison, Cloud Computing: Adoption Issues for Sub-Saharan Africa SMEs, Electronic Journal of Information Systems in Developing Countries, Vol. 62, No. 1, March 2014, pp. 1-17.

J. M. Bass, I. K. Allison and U. Banerjee, Agile Method Tailoring in a CMMI Level 5 Organization: Addressing the Paradox, Journal of International Technology and Information Management, Vol. 22, No. 4, 2013, pp. 77-98.

I. K. Allison, J. M. Bass, Addressing the Issues of Cloud Adoption and Migration. Journal of International Technology and Information Management Vol. 22, No. 3, 2013.

J. M. Bass, B. Nicholson and E. Subrahmanian, “A Framework using Institutional Analysis and the Capability Approach in ICT4D,” Information Technologies and International Development, Vol. 9, Issue 1, Spring 2013, pp. 19-35.

J. M. Bass & R. Heeks, "Changing Computing Curricula in African Universities: Evaluating Progress and Challenges via Design-Reality Gap Analysis," *Electronic Journal of Information Systems in Developing Countries*, Vol. 48, No. 5, November 2011, pp. 1-39.

J. M. Bass, "An Early Stage ICT Maturity Model Derived from Ethiopian Education Institutions," *Int. Journal of Education and Development using ICT*, Vol. 7, No 1, April 2011, pp. 5-26.

D. N. Ramos-Hernandez, P. J. Fleming, and J. M. Bass, "A novel object-oriented environment for distributed process control systems," *Control Engineering Practice*, Vol. 13, Feb. 2005, pp. 213-230.

G. Latif-Shabgahi, J. M. Bass and S. Bennett, "A Taxonomy for Software Voting Algorithms used in Safety-Critical Systems," *IEEE Trans. on Reliability*, Vol. 53, No. 3, September 2004, pp. 319-28, doi: 10.1109/TR.2004.832819.

R. G. Gittins, J. M. Bass and S. Hope, "A Comparison of Software Development Process Experiences," *Extreme Programming and Agile Processes in Software Engineering, Lecture Notes in Computer Science*, Springer, Vol. 3092, 2004, pp. 231-36.

G. Latif-Shabgahi, J. M. Bass and S. Bennett, "Multiple Error Filtering In Cyclic Systems," *The Computer Journal*, Oxford University Press, Vol. 47, No. 3, May 2004, pp. 299-308.

G. Latif-Shabgahi, S. Bennett and J. M. Bass, "Smoothing voter: a novel voting algorithm for handling multiple errors in fault-tolerant control systems," *Microprocessors and Microsystems*, Elsevier, Vol. 27, No. 7, 1 August 2003, pp. 303-313.

G. Latif-Shabgahi, J. M. Bass and S. Bennett, "Component-Oriented Voter Model for Dependable Control Applications," *Microprocessors and Microsystems*, Elsevier, Vol. 25 No. 3, pp. 167-76, 2001.

G. Latif-Shabgahi, J. M. Bass and S. Bennett, "An Efficient Implementation of Inexact Majority and Median Voters," *IEE Electronics Letters*, Vol. 36, No. 15, July 2000, pp 1326-1328.

D. N. Ramos-Hernandez, M. O. Tokhi and J. M. Bass, "Mapping and Scheduling for Heterogeneous Architectures," *Microprocessors and Microsystems*, Elsevier, Vol. 23, No. 1, pp. 7-23, 1999.

Journal Editorship

J. M. Bass, Senior Editor, *Electronic Journal of Information Systems in Developing Countries*, July 2011-current.

Jyoti Choudrie, M. Sirajul Islam, Fathul Wahid and Julian Bass, Special Issue Editors, *ICTs for promoting sustainable information society and harmony*, *Information Technology for Development*, Routledge, December 2018.

Julian M. Bass, Robert Davison, Devinder Thapa, Chris Westrup, Special Issue Editors *IFIP 9.4 2015 Conference PhD/Graduate Student*, Special Issue, *Electronic Journal of Information Systems in Developing Countries*

Ian Allison, Julian Bass, Gordon Baxter and Ramesh Subramanian, Special Issue Editors, *Cloud Computing Migration and Adoption*, *Journal of International Technology and Information Management*, IIMA, 2013.

Julian M. Bass, Devinder Thapa, Robert Davison, Special Issue Editors *IFIP 9.4 2013 Conference PhD/Graduate Student*, Special Issue, *Electronic Journal of Information Systems in Developing Countries*

Journal Articles: Other

J. M. Bass, "Special Issue Editor's Introduction," *Electronic Journal of Information Systems in Developing Countries*, Vol. 62, March 2014, pp. 1-3.

J. M. Bass, Letters, "Why Invention and Innovation Diverge," *Communications of the ACM*, Vol. 52, No. 8, August 2009, pp. 8-9.

Conference Papers: Refereed

Bass, J. M., Beecham, S., Razzak, M. A., Nic Canna, C., & Noll, J., 2018. Poster: An Empirical Study of the Product Owner Role in Scrum, in: Proceedings of the 40th International Conference on Software Engineering. Presented at the International Conference on Software Engineering, ACM, Gothenburg, Sweden, (to appear).

Bass, J. M., Beecham, S., Razzak, M. A. & Noll, J. (2018). Employee Retention and Turnover in Global Software Development: Comparing In-house Offshoring and Offshore Outsourcing. Presented at the International Conference on Global Software Engineering, Gothenburg, Sweden: ACM (to appear).

Bass, J. M., Beecham, S., & Noll, J. (2018). Experience of Industry Case Studies: A Comparison of Multi-Case and Embedded Case Study Methods. In Proceedings of 6th International Workshop on Conducting Empirical Studies in Industry (CESI 2018). Gothenburg, Sweden, (to appear).

Noll, J., Razzak, M.A., Bass, J.M., Beecham, S., 2017. A Study of the Scrum Master's Role, in: Product-Focused Software Process Improvement, Lecture Notes in Computer Science. Presented at the International Conference on Product-Focused Software Process Improvement, Springer, Cham, pp. 307–323. https://doi.org/10.1007/978-3-319-69926-4_22

Adeniyi Abdul, Julian M. Bass, Hossein Ghavimi and Peter Adam. Product Innovation with Scrum: A Longitudinal Case Study. In International Conference on Information Society (i-Society), Dublin, Ireland July 2017, pp. 21-26, IEEE. (Winner of conference Best Paper award).

Adeniyi Abdul, Julian M. Bass, Hossein Ghavimi and Peter Adam. A performance evaluation of multi-tenant data tier design patterns in a containerised environment. In International Conference on Information Society (i-Society), Dublin, Ireland July 2017, pp. 115-120, IEEE.

Z. Regassa, J.M. Bass, D. Midekso, D. (2017). Agile Methods in Ethiopia: An Empirical Study. In Proceedings of the 14th International Conference on the Social Implications of Computers in Developing Countries. Yogyakarta, Indonesia: Springer. May 2017, pp.

J.M. Bass, Large-Scale Offshore Agile Tailoring: Exploring Product and Service Organisations, in: Proceedings of the Scientific Workshop Proceedings of XP2016 on Large-Scale Agile, XP '16 Workshops. Edinburgh UK, May 2016, p. 8:1–8:5. doi:10.1145/2962695.2962703

J.M. Bass, R McDermott, J. Lalchandani, Virtual Teams and Employability in Global Software Engineering Education, IEEE 10th Int. Conf. Global Software Engineering, Ciudad Real, Spain, July 2015, pp. 115-24. doi: 10.1109/ICGSE.2015.21

A. Omar, J.M. Bass, P. Lowit, Insourcing A Government Information System: A Case Study, in: 13th International Conference on Social Implications of Computers in Developing Countries. IFIP Working Group 9.4, May 2015, Negombo, Sri Lanka, pp. 198–210.

S.D. Seifu, A.D. Abubakar, J.M. Bass, I.K. Allison, Cloud Computing: Adoption Issues for Ethiopian Public and Private Enterprises, in: 13th International Conference on Social Implications of Computers in Developing Countries. IFIP Working Group 9.4, May 2015, Negombo, Sri Lanka, pp. 224–234.

L.C. Ochei, J.M. Bass, A. Petrovski (2015). Evaluating Degrees of Multitenancy Isolation: A Case Study of Cloud-Hosted GSD Tools. In International Conference on Cloud and Autonomic Computing (ICCAC), Sept 2015, pp. 101–112). IEEE. doi: 10.1109/ICCAC.2015.17

L.C. Ochei, A. Petrovski, J.M. Bass, (2015). Evaluating degrees of tenant isolation in multitenancy patterns: A case study of cloud-hosted Version Control System (VCS). In International Conference on Information Society (i-Society), 2015, pp. 59–66. IEEE. (Winner of conference Best Paper award).

A.A. Dahiru, J.M. Bass, I.K. Allison, "Cloud computing adoption in sub-Saharan Africa: An analysis using institutions and capabilities," 2014 International Conference on Information Society (i-Society), pp.98-103, Nov. 2014. doi: 10.1109/i-Society.2014.7009019

R McDermott, J M Bass, J. Lalchandani, The Learner Experience of Student-Led International Group Project Work in Software Engineering, IEEE 44th Ann. Frontiers in Education Conference, Madrid, Spain, October 2014, pp.1181-1188, DOI: 10.1109/FIE.2014.7044181

J. M. Bass Scrum Master Activities: Process Tailoring in Large Enterprise Projects, IEEE 9th Int. Conf. Global Software Engineering, Shanghai, China, August 2014, pp. 6-15, doi: 10.1109/ICGSE.2014.24.

J. M. Bass and D. Thapa, Multi-casting in Mountainous Regions of Developing Countries: Analysis through ICT, Institutions, and Capabilities Perspectives, Hawaii Int. Conf. On Systems Science, HICSS-47, January 2014, pp. 3327-36, doi: 10.1109/HICSS.2014.412.

J. M. Bass, Agile Method Tailoring in Distributed Enterprises: Product Owner Teams, IEEE 8th Int. Conf. Global Software Engineering, Bari, Italy, August 2013, pp. 154-163, doi: 10.1109/ICGSE.2013.27.

A. D. Abubakar, J. M. Bass and I. Allison, Cloud Computing: Adoption Issues for Sub-Saharan Africa SMEs, IFIP 12th International Conference on the Social Implications of Computers for Developing Countries, Ocho Rios, Jamaica, May 2013, pp. 179-92.

J. M. Bass, C. Ramanathan and J. T. Lalchandani, Software Engineering: Learning, Employment and Globalization, Higher Education Academy, STEM Annual Learning and Teaching Conference, Birmingham, April 2013, pp. 75-79.

J. M. Bass, Influences on Agile Practice Tailoring in Enterprise Software Development, Int. Conf. on Agile and Lean Software Methods, Bangalore, India, February 2012, pp 1-9. DOI: 10.1109/AgileIndia.2012.15.

J. M. Bass, B. Nicholson and E. Subramanian, "Institutional Analysis, the Capability Approach and ICT4D" IFIP 11th Int. Conf. on the Social Implications of Computers in Developing Countries, Kathmandu, May 2011, pp. 209-224.

J. M. Bass, "A Developmental Model of Basic IT Skills for Pre-Service Trainee Teachers," Proc. 2nd IEEE/ACM Int. Conf. on Information and Communication Technologies and Development, Bangalore, India, December 2007, pp.183-92, doi: 10.1109/ICTD.2007.4937404.

Conference Papers: Not Refereed

J. M. Bass (Ed) "Workshop Introduction," UK/India Collaborative Research Proposal Workshop: Bridging the Urban and Rural Divide, London, December 2010.

R. Parishwad, B. Parthasarathy and J. M. Bass (Eds), "Indo-UK Roundtable Conference on ICT for Development," UK Science and Innovation Network, Bangalore, India, January 2010.

Official Reports

Julian M. Bass, "ICT Status Survey of Public Universities," Higher Education Strategy Centre, Addis Ababa, September 2009.

Julian M. Bass, Mesfin Kifle and Gebremariam Mesfin, "Guidance Notes and Computing Self-Evaluation Benchmark," National Working Group for Computing Curriculum Development, Higher Education Strategy Centre, Addis Ababa, May 2008.

Working Papers

Julian M. Bass, "A New ICT Maturity Model for Education Institutions in Developing Countries," Working Paper 44, Centre for Development Informatics, University of Manchester, UK, 2010.
http://www.sed.manchester.ac.uk/idpm/research/publications/wp/di/di_wp44.htm

Other Media

Gareth Hollyman. (2018, February 2). Computer scientists optimise safety at UK power stations. <https://www.salford.ac.uk/news/articles/2018/computer-scientists-optimise-safety-at-uk-power-stations>

J. Bass, (2017, January 16). The five-step manufacturing process that could make you a better writer. Retrieved 17 January 2017, from <http://theconversation.com/the-five-step-manufacturing-process-that-could-make-you-a-better-writer-71177>

Anon, (2014, April). Boost for young north-east entrepreneurs as city universities open high-tech digital hubs, Robert Gordon University News. <http://www.rgu.ac.uk/news/boost-for-young-north-east-entrepreneurs-as-city-universities-open-high-tech-digital-hubs/>