

VITA

Jia-Lang Seng

Distinguished Professor
Department and Graduate School of Accounting
College of Commerce
National Chengchi University

64, Section 2, Tzy-Nan Road
Wenshan District, 115, Taipei Taiwan

(886) 2-2938-7692 (office)

(886) 2-2938-7692 (fax)

Email: seng@nccu.edu.tw

URL: <http://seng.nccu.edu.tw>

Education

- Ph.D. – University of Maryland, Robert H. Smith School of Business, major in Information Systems, minor in Management Science, College Park, Maryland, USA.
- M.S. - University of Maryland, Robert H. Smith School of Business, major in Information Systems, minor in Management Science, College Park, Maryland, USA.
- M.B.A – Ohio University, College of Business, Accounting, Athens, Ohio, USA.
- B.B.A. – National Taiwan University, College of Management, Accounting, Taipei, Taiwan.

Honors

- Fulbright Senior Scholarship Award, Fulbright Foundation, State Department, USA (2006-2007)
- NSC Special Outstanding Talent Award since 2010
- Distinguished Professor, National Chengchi University since 2008
- Academic Excellent Award, National Chengchi University since 2006
- Premium Academic Research Award, National Chengchi University College of Commerce, 2006
- Outstanding Chair Professor for Research, National Chengchi University (2002-2006)
- Internationalization Excellence Award, National Chengchi University (2003-2007)
- Loyalty Service Award for 10-year Service, National Chengchi University, 2004
- Loyalty Service Award for 20-year Service, National Chengchi University, 2014
- Speaker of Accounting Society of China Annual Meeting, 2011
- Cover Person of China Friends of Accounting, 2011
- Ministry of Education International Software Competition (ISSC) champion, 1995
- International Management Information Systems Software Competition champion, 1999
- Master's thesis advisor award, ACER LONG-TENG, 2000

Professional Experience

- Chairperson, Department of Accounting, National Chengchi University
- Distinguished Professor of Accounting, National Chengchi University
- Professor of Management Information Systems, National Chengchi University
- Adjunct Professor of Accounting, National Taiwan University
- Fulbright Senior Scholar, Fulbright Foundation, State Department, USA
- Visiting Scholar, Harvard University, USA
- Visiting Scholar, Stanford University, USA
- Visiting Scholar, MIT, USA
- Visiting Scholar, Academia Sinica, Taipei, Taiwan
- Visiting Scholar, Peking University, China
- In-charge of MIS Department, International Commercial Bank of China

- Executive Officer of Accounting Office, Central Trust of China
- SAP International Consultant
- ACL Certified Data Analyst

Teaching (selected required courses)

- Introduction to Computer Science
- Introduction to Management Information Systems
- Introduction to Database Systems
- Financial Accounting
- Accounting Information Systems
- Advanced Management Information Systems
- Advanced Database Systems
- Advanced Accounting Information Systems
- Enterprise Resource Planning
- IT Audit
- Seminars on Advanced Accounting Research Issue

Research Publications (selected recent articles)

Referred Journal Articles

- Wang, T. and Seng, Jia-Lang (2014). Mandatory Adoption of XBRL and Foreign Investors' Holdings - Evidence from China. *Journal of Information System (NSC A Ranked Journal)*
- Wang, T., Wen, C. and Seng, Jia-Lang (2014). Mandatory Adoption of XBRL Standards and the Performance of Listed State-Owned Enterprises and Non-State-Owned Enterprises in China. *Information and Management (NSC A Ranked Journal, SSCI/SCI) 51(3)*, 336-346.
- Chen, I., Wang, T. and Seng, Jia-Lang (2014). Voluntary Accounting Changes and Post-Earnings Announcement Drift. *Asian Review of Accounting (NSC B Ranked Journal, SCOPUS, British Library, Cabell's Directory, EBSCO, PROQUEST, RePEc, OCLC)*
- Huang, T., Wang, T. and Seng, Jia-Lang (2014). Voluntary Accounting Changes and Analyst Following. *International Journal of Accounting and Information Management (NSC B Ranked Journal, SCOPUS, British Library, Cabell's Directory, EBSCO, PROQUEST, RePEc, OCLC, ESSEC)*
- Seng, Jia-Lang and Wang, Z. (2014). A Metadata-based Xcube Exchange and Management. *Information Sciences (NSC A Ranked Journal, SCI)*
- Liao, P.C., Chan, C.L. and Seng, Jia-Lang (2013). Intellectual Capital Disclosure and Accounting Standards. *Industrial Management & Data Systems (SCI)*, Vol. 113, No. 8, pp.1189-1205.
- Chou, T. and Seng, Jia-Lang (2012, Dec). Telecommunication E-Services Orchestration Enabling Business Process Management. *European Transactions on Telecommunications (SCI)*, Vol. 23, No. 7, pp. 646-659. NSC 99-2416- H-004-007.
- Tu, I.L., and Seng, Jia-Lang (2012, Dec). Indices of Novelty for Emerging-Topic Detection. *Information Processing and Management (SSCI/SCI)*, Vol. 48, pp. 303-325.
- Tu, I.L., and Seng, Jia-Lang (2012, Dec). Detecting Emerging Topics and Measuring Impact of Author and Publication. *Advanced Science Letter (SCI)*, Vol. 5, pp. 1-7. (SCI).
- Seng, Jia-Lang, Ka, H. and Lin, B. (2009, Sep). A Generic Construct Based Workload Model for Web Search. *Information Processing and Management (NSC A ranked Journal · SSCI/SCI)*, 45:5, 529-554.
- Chou, T. and Seng, Jia-Lang (2009, Aug). Agility and Agent-Enabled Eservices Method - An International Telecommunication Example. *Information and Management (NSC A ranked Journal · SSCI/SCI)*, 46:6, 342-350.
- Chou, T., Seng, Jia-Lang, and Lin, B. (2008, Dec). eTOM and e-Services based Trouble-management Operations - A Large Scale Telecommunication Case Study. *International Journal of Technology Management (SSCI/SCI)*, 43:4, 383-403.
- Huang, S., Chou, T. and Seng, Jia-Lang (2008, Dec). Data Warehouse Enhancement: A Semantic Cube Model Approach. *Information Sciences (NSC A Ranked Journal · SCI)*, 177:11, 2238-2254.
- Seng, Jia-Lang and Tsai, W. (2007, Oct). An IT Capital Performance Indicator Study: Evidence from A Taiwan Financial Service Industry Case Study. *International Journal of Accounting, Auditing, Performance Evaluation (SSCI)*, Vol. 4, No.4/5, pp. 501-528.
- 曾建光，伍利娜，譚家蘭，王立彥（2013年11月）。XBRL、代理成本與績效水準-基於中國開放式基金市場

的證據。會計研究(中國會計核心期刊第一本, CSCI), 11, 88-94。

Referred Conference Articles

- Seng, Jia-Lang, Wu, Y.H. and Yang, H.F. (2016, Mar). IPO and Financial News. Springer Studies in Computational Intelligence (SCI)
- Seng, Jia-Lang, Yang, B.H. and Yang, H.F. (2016, Mar). Conference Calls and Content Analysis. Springer Lecture Notes in Artificial Intelligence (LNAI)(EI)
- Seng, Jia-Lang and Yang, H.F. (2015, Aug). Vocabulary Development in Data Analytics. American Accounting Association Annual Meeting
- Seng, Jia-Lang and Yang, C. (2014, Aug). Opinion Analytics of IFRS Financial Reporting and Financial News. Accounting Association Annual Meeting, Atlanta, USA.
- Yang, C. and Seng, Jia-Lang (2014, Aug). Essential Review of Text Analytics in Accounting and Finance. American Accounting Association Annual Meeting, Atlanta, USA.
- Wang, T. and Seng, Jia-Lang (2013, Aug). Voluntary Accounting Changes and Analyst Following. American Accounting Association Annual Meeting, Anaheim, USA.
- Zeng, Z., Wu, L. and Seng, Jia-Lang (2013, Aug). Mandatory Adoption of XBRL and Mutual Funds Flows. American Accounting Association Annual Meeting, Anaheim, USA.
- Wang, T., and Seng, Jia-Lang, (2012, Nov). Mandatory Adoption of XBRL and Foreign Investors' Holdings - Evidence from China. American Accounting Association Information System Section Mid-year Meeting, Tampa, USA.
- Liao, P., Chan, L. and Seng, Jia-Lang (2012, Aug). Disclosure Quality and IFRS Adoption: A Text Mining Approach. American Accounting Association Annual Meeting, Washington, D. C., USA.
- Seng, Jia-Lang (2012, Aug). Exploring XBRL and Corporate Governance Relationship-Evidence from China. American Accounting Association Annual Meeting, Washington, D. C., USA.
- Seng, Jia-Lang (2011, Aug). Exploring an XBRL FR Taxonomy Consolidation Using Accounting Standards. American Accounting Association Annual Meeting, Denver, USA.
- Seng, Jia-Lang (2011, Aug). A study in XBRL Voluntary Filing and Firm Performance - Evidence from China. American Accounting Association Annual Meeting, Denver, USA.
- Seng, Jia-Lang (2010, Aug). Information Segmentation and Extraction in Business Valuation-An Example of Non-Financial Data Sources. American Accounting Association Annual Meeting, San Francisco, USA.
- Seng, Jia-Lang (2010, Aug). Exploring IT Capital Performance Indicators-An Example of High-Tech Industry. American Accounting Association Annual Meeting, San Francisco, USA.
- Seng, Jia-Lang (2009, Aug). Benchmarking Data Warehousing and Data Mining. American Accounting Association Annual Meeting, New York, USA.
- Seng, Jia-Lang, (2009, Aug). An Exploratory Study in Computer-aided Consolidated Financial Reporting Preparation. American Accounting Association Annual Meeting, New York, USA.
- Seng, Jia-Lang (2008, Aug). A Performance Indicator Study on Information Technology Capital in Financial Service Sector. American Accounting Association Annual Meeting, Anaheim, USA.
- Seng, Jia-Lang (2008, Aug). An Ontology-based B2Bi Information Integration. American Accounting Association Annual Meeting, Anaheim, USA.
- Seng, Jia-Lang (2007, Nov). A Generic Construct based Workload Model for Business Intelligence. Decision Science Institute Annual Meeting), Phoenix, USA.
- Seng, Jia-Lang (2007, Aug). A Data Modeling for Cost Accounting Information Systems. American Accounting Association Annual Meeting, Chicago, USA.
- Seng, Jia-Lang (2007, Aug). A Generic Transformation between XML and UML. American Accounting Association Annual Meeting, Chicago, USA.
- Seng, Jia-Lang (2006, Nov). A Selection Model for Business Data Mining Applications. Decision Science Institute Annual Meeting, San Antonio, USA.
- Seng, Jia-Lang (2006, Aug). An Integral Data Design Oo Accounting Information Systems. American Accounting Association Annual Meeting, Washington, D.C., USA.

Professional Service

- Member of Examination Yuan Senior Examination Committee
- Member of Examination Yuan CPA Examinations Review Committee

- Member of Mobile Broadband 4G Licenses Releasing Review Committee, National Communications Commission
- Member of Carrier Concession License regular Renewing Review Committee, National Communications Commission
- Member of Type I Telecommunications Loyalties Review Committee, National Communications Commission
- Member of Wireless Broadband Access License Changing Review Committee, National Communications Commission
- Member of NSC research project Review Committee
- Member of Ministry of Education Faculty Promotion Review Committee
- Member of Departmental (Institute) Evaluation Committee, Higher Education Evaluation and Accreditation Council of Taiwan
- Member of Application and Counseling of IFRS Information Review Committee, Industrial Development Bureau, MOEA
- Member of IFRS energy Login Project Review Committee, Industrial Development Bureau, MOEA
- Member of Strengthen strategic investment service industry Project Review Committee, Industrial Development Bureau, MOEA
- Member of Manufacturing Value Chain Information Application Project Review Committee, Industrial Development Bureau, MOEA
- Member of Information Services Promotion Program Review Committee, Industrial Development Bureau, MOEA
- Member of Listed Review Committee, Taiwan Stock Exchange
- Member of OTC Review Committee, Taipei Exchange
- Chairman of the Supervisory Committee, Taiwan Fulbright Alumni Association
- Member of Taxonomy Working Subcommittee of XBRL Committee, Accounting Research and Development Foundation
- Advisory Member of CPA Audit service Evaluation Committee, The National Federation of Certified Public Accountant Associations of the Republic of China(NFCPAAROC)
- Advisory Member of Accounting and Auditing Committee, The National Federation of Certified Public Accountant Associations of the Republic of China(NFCPAAROC)
- Member of IFRS for SMEs Subcommittee, The National Federation of Certified Public Accountant Associations of the Republic of China(NFCPAAROC)
- Vice Chairperson of Professional Development Committee, Computer Audit Association
- Member of Academic Development Committee, Computer Audit Association
- Director of Computer Audit Association
- Speaker of NSC Academic Camp
- Member of University Affairs Meeting, National Chengchi University
- Member of University Faculty Promotion Committee, National Chengchi University
- Member of College of Commerce Faculty Promotion Committee, National Chengchi University
- Chair of Expenditure Examination Committee, National Chengchi University
- Member of Computer Promotion Commission, National Chengchi University
- Member of Committee of Faculty Grievances, National Chengchi University
- Member of College of Management Selection Committee for Distinguished Professor, National Changhua University of Education
- Member of College of Management Advisory Committee, Yuan Ze University
- Member of College of Management Dean Selection Committee, Yuan Ze University
- Member of Review of Accounting and Auditing Studies Editing Committee
- Member of Journal of Accounting Editing Committee
- Consultant of Accounting Research Monthly, Accounting Research and Development Foundation
- Member of Journal of Information Communication and Technology Auditing Editing Committee, Computer Audit Association
- Member of Taiwan Accounting Review Editing Committee, Taiwan Accounting Association
- Member of Academic Committee, Taiwan Accounting Association
- Member of Education Committee, Taiwan Accounting Association
- Member of Practices Committee, Taiwan Accounting Association
- Communications of AIS Associate Editor
- Information and Management Editorial Board
- Journal of Information Systems (Accounting) Editorial Board
- Asian Review of Accounting Editorial Board

- Information Processing and Management Editorial Board
- Informing Sciences Editorial Board
- American Accounting Association Information Systems Section International Liaison
- American Accounting Association Annual Meeting Moderator
- Asia Pacific Management Accounting Association Steering Committee
- International Conference on Accounting and Information Technology Advisory Committee
- Communications of AIS、Information and Management (SSCI/SCI)、Decision Support Systems (SSCI/SCI)、Information Processing and Management (SSCI/SCI)、Information Sciences (SCI)、Informing Science、Asian Review of Accounting、International Journal of Accounting and Information Management、Asia Pacific Management Review (TSSCI)、International Conference in Information Systems (ICIS)、Hawaii International Conference in Systems and Software (HICSS)、American Accounting Association (AAA) Annual Meeting、Pacific Asia Conference in Information Systems (PACIS)

Research Grants

- 「創新行動金融商務科技之跨領域整合研究(1/3)」，總計畫主持人暨子計畫二主持人，NSC102-2627-E-004-001-，2013.08.01-2014.07.31。
- 「創新行動金融商務科技之跨領域整合研究(2/3)」，總計畫主持人暨子計畫二主持人，NSC103-2627-E-004-001-，2014.08.01-2015.07.31。
- 「創新行動金融商務科技之跨領域整合研究(3/3)」，總計畫主持人暨子計畫二主持人，NSC104-2627-E-004-001-，2015.08.01-2016.07.31。
- 「以意見分析為基礎之新聞探勘與財務智慧之研究」，計畫主持人，MOST 104-2410-H-004-132-，2015.08.01-2016.07.31。
- 「探討以資訊檢索為基礎之企業績效與評價的財報與非財報之智慧探勘、預測模型與效能評估研究(1/3)」，計畫主持人，NSC101-2410-H-004-014-MY3，2012.08.01-2013.07.31。
- 「探討以資訊檢索為基礎之企業績效與評價的財報與非財報之智慧探勘、預測模型與效能評估研究(2/3)」，計畫主持人，NSC101-2410-H-004-014-MY3，2013.08.01-2014.07.31。
- 「探討以資訊檢索為基礎之企業績效與評價的財報與非財報之智慧探勘、預測模型與效能評估研究(3/3)」，計畫主持人，NSC101-2410-H-004-014-MY3，2014.08.01-2015.07.31。
- 「開發學術智慧、指標、影響力之模型與技術-以資訊檢索為例(1/2)」，計畫主持人，NSC99-2410-H-004-107-MY2，2010.08.01-2011.7.31。
- 「開發學術智慧、指標、影響力之模型與技術-以資訊檢索為例(2/2)」，計畫主持人，NSC99-2410-H-004-107-MY2，2011.08.01-2012.7.31。
- 「智慧型資訊整合於異質資料倉儲和資料探勘之模型、架構、與績效評估-應用本體論、母型綱要、和學名結構(1/3)」，計畫主持人，NSC96-2416-H-004-017-MY3，2007.08.01-2008.7.31。
- 「智慧型資訊整合於異質資料倉儲和資料探勘之模型、架構、與績效評估-應用本體論、母型綱要、和學名結構(2/3)」，計畫主持人，NSC96-2416-H-004-017-MY3，2008.08.01-2009.7.31。
- 「智慧型資訊整合於異質資料倉儲和資料探勘之模型、架構、與績效評估-應用本體論、母型綱要、和學名結構(3/3)」，計畫主持人，NSC96-2416-H-004-017-MY3，2009.08.01-2010.7.31。
- 「以分析模式為導向之電子商務異質資訊整合之研究-應用統一塑模語言、延伸式標籤語言、本體論(1/3)」，計畫主持人，NSC95-2416-H-004-055-MY3，2006.08.01-2007.07.31。
- 「以分析模式為導向之電子商務異質資訊整合之研究-應用統一塑模語言、延伸式標籤語言、本體論(2/3)」，計畫主持人，NSC95-2416-H-004-055-MY3，2007.08.01-2008.07.31。
- 「以分析模式為導向之電子商務異質資訊整合之研究-應用統一塑模語言、延伸式標籤語言、本體論(3/3)」，計畫主持人，NSC95-2416-H-004-055-MY3，2008.08.01-2009.07.31。
- 「集團企業合併財務資訊之品質確認-以 XBRL 為基礎之系統開發(1/3)」，子計畫主持人，NSC97-2627-E-004-001-，2008.08.01-2009.07.31。
- 「集團企業合併財務資訊之品質確認-以 XBRL 為基礎之系統開發(2/3)」，子計畫主持人，NSC98-2627-E-004-001-，2009.08.01-2010.07.31。
- 「集團企業合併財務資訊之品質確認-以 XBRL 為基礎之系統開發(3/3)」，子計畫主持人，NSC99-2627-E-004-001-，2010.08.01-2011.07.31。