

Keynotes

- ▶ Shen Q.P. (2011). Achieving Value for Money through Collaborative Working, The 2nd International Conference on Project and Facilities Management, Kuala Lumpur, Malaysia, 18-19 May.
- ▶ Meng Ni, 2010. Technology Conference on Renewable Energy, 25-26 June 2010, Hong Kong.
- ▶ Meng Ni, 2011, Mathematical Modeling of Solid Oxide Fuel Cell, The First HK POLYU-USTC-SICCA Workshop on Advanced Materials for Energy Conversion. Heifei, Anhui, P.R. China, 23-25 July, 2011 (July 2011)
- ▶ Chan, APC (2011) Experimentation – A New Direction for Construction Management Research. 5 July 2011, Construction in the 21st Century (CITC-VI) – Construction Challenges in The New Decade, Kuala Lumpur – Malaysia July 5-7, 2011

Research Monograph Book and Book Chapters

- ▶ KEUNG, C., TAN, Y.T. and SHEN, L.Y. " Construction Contract Management ". In Keung, C., Tan, Y.T. and Shen, L.Y., eds., Construction and Real Estate Practice in China, The Hong Kong Polytechnic University, Hong Kong, pp.168-175 (2010) ISBN 978-962-367-692-2
- ▶ TAN, Y.T., KEUNG, C. and SHEN, L.Y. " Construction and Real Estate Law ". In Shen L.Y., Leung B.Y.P. and Hao J.J.L., eds., Construction and Real Estate Practice in China, The Hong Kong Polytechnic University, Hong Kong, The Hong Kong Polytechnic University, Hong Kong, pp.148-167 (2010) ISBN 978-962-367-692-2
- ▶ Wang Y.W., Yang J., Wong J., Shen G.Q.P. (2010). Proceedings of the 2010 International Conference on Construction and Real Estate Management, 1-3 December, Brisbane, Australia, China Architecture & Building Press, Volume 1, 1-466.

- ▶ Chan, A.P.C., Chan, D.W.M. and Yeung, J.F.Y. (2010). "Relational Contracting for Construction Excellence: Principles, Practices and Case Studies", Spon Press of the Taylor & Francis Group: UK, 334 pages, ISBN 978-0-415-46669-1 (hardback) (details obtained from the following weblink: <http://www.routledge.com/9780415466691>).
- ▶ Meng Ni, 3D Numerical Study on Laminar Gas Flow and Heat Transfer in a Solid Oxide Fuel Cell Duct with Top Wall Heating. In Jeremy M. Campbell, ed., Advances in Mechanics Research. Volume 1, Vol. 1, Nova Science Publishers, Inc., United States, pp.421-434 (2nd Quarter 2011) ISBN 978-1-61728-105-1
- ▶ Meng Ni, CFD Modeling of a Planar Solid Oxide Fuel Cell (SOFC) for Clean Power Generation". In Maher A.R. Sadiq Al-Baghdadi, ed., Computational Fluid Dynamics Modeling in Development of Renewable Energy Applications, International Energy and Environment Foundation, Iraq, pp.57-81 (October 2011) ISBN 978-1466231313.
- ▶ Chan, APC, Chan, DWM, and Yeung, JFY (2010) Relational Contracting for Construction Excellence – Principles, Practices and Case Studies. Spon Research, Taylor & Francis, 1st Edition, ISBN13: 978-0-415-46669-1, HD9715.A2C47 2009, 624.068'4-dc22, 334 pages.

Refereed Journal Papers

- ▶ TAN, Y.T., SHEN, L.Y. and LANGSTON, C. " A Fuzzy Approach for Assessing Contractors' Competitiveness ". ENGINEERING, CONSTRUCTION AND ARCHITECTURAL MANAGEMENT, Vol. 18, No. 3, pp.234-247 (2011) TAN, Y.T., SHEN, L.Y. and YAO, H. " Sustainable Construction Practice and Contractors' Competitiveness: A Preliminary Study ". HABITAT INTERNATIONAL, Vol. 35, No. 2, pp.225-230 (2011) ZHANG, X.L., TAN, Y.T., SHEN, L.Y. and WU, Y.Z. " An Alternative Approach of Competitiveness Evaluation for Real Estate Developers ". INTERNATIONAL JOURNAL OF STRATEGIC PROPERTY MANAGEMENT, Vol. 15, No. 1, pp.10-25 (2011)

- ▶ Luo X.C., Shen Q.P., Fan S.C. (2010). A Case-Based Reasoning System for Using Functional Performance Specification in the Briefing of Building Projects, *Automation in Construction*, 19(6), 725-733.
- ▶ Xue, X.L., Ji, Y.B., Li, L., Shen, Q.P. (2010). Cognition Driven Framework for Improving Collaborative Working in Construction Projects: Negotiation Perspective, *Journal of Business Economics and Management*, 2010, 11(2): 227-242. (SSCI, IF:2.015).
- ▶ Xue X.L., Shen Q.P., and Ren Z.M. (2010). A critical review of collaborative working in construction projects: business environment and human behaviors, *Journal of Management in Engineering*, 26(4), 196-208.
- ▶ Fan S.C., Shen Q.P., Luo X.C. (2010). Group decision support systems in value management, *Construction Management and Economics*, 28(8), 827-838.
- ▶ Tang L.Y.N., Shen Q.P., Cheng E.W.L. (2010). A review of studies on public private partnership projects in the construction industry, *International Journal of Project Management*, 28(7), 683-694.
- ▶ Shen Q.P., Xue X.L., Chen L. (2010). Programme design for the construction and real estate industry, *Journal of Engineering Management*, 24 (Sup), 25-29.
- ▶ Angus C. C. Lam, Michael C. H. Yam, J. J. Roger Cheng, and Gaylene D. Kennedy, (2010) "A study of stress intensity factor of a cracked steel plate with a single-side CFRP composite patching". *Journal of Composites for Construction*, ASCE. Vol. 14, No.6, pp 791-802.
- ▶ Feng Wei, Michael C.H. Yam, K.F. Chung and G.Y. Grondin (2010) "Tests on Block Shear of Coped Beams with a Welded End Connection", *Journal of Constructional Steel Research*, 66/11, pp. 1398-1410.
- ▶ CHEN, Z. and LI, H. (2010). " Discussion of "Fuzzy Analytical Hierarchy Process Risk Assessment Approach for Joint Venture Construction Projects in China" by Guomin Zhang and Patrick X.W. Zou ". *JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT*, ASCE, Vol. 136, No. 6, pp.717-717.
- ▶ GUO, H.L., LI, H. and SKITMORE, M. (2010). " Life-Cycle Management of Construction Projects Based on Virtual Prototyping Technology ". *JOURNAL OF MANAGEMENT IN ENGINEERING*, ASCE, Vol. 26, No. 1, pp.41-47

- ▶ HONG, Z. and LI, H. (2010). " Multi-Objective Particle Swarm Optimization for Construction Time-Cost Tradeoff Problems ". CONSTRUCTION MANAGEMENT AND ECONOMICS, Vol. 28, No. 1, pp.75-88
- ▶ H.Z. WANG, DYC LEUNG, MKH LEUNG, Meng Ni, Modeling of Parasitic Hydrogen Evolution Effects in an Aluminum–Air Cell. ENERGY & FUELS, Vol. 24, No. 7, pp.3748-3753 (July 2010)
- ▶ Meng Ni, Modeling of a planar solid oxide fuel cell based on proton-conducting electrolyte. INTERNATIONAL JOURNAL OF ENERGY RESEARCH, Vol. 34, No. 12, pp.1027-1041 (October 2010)
- ▶ Meng NI, Modeling of a solid oxide electrolysis cell for carbon dioxide electrolysis. CHEMICAL ENGINEERING JOURNAL, Vol. 164, No. 1, pp.246-254 (October 2010)
- ▶ Meng NI, Electrolytic Effect in Solid Oxide Fuel Cells Running on Steam/Methane Mixture. JOURNAL OF POWER SOURCES, Vol. 196, No. 4, pp.2027-2036 (February 2011)
- ▶ Jin Xuan, MKH Leung, Meng Ni, Coating-by-parts method for experimental study of internal mechanisms of water gas shift fuel processor. INTERNATIONAL JOURNAL OF ENERGY RESEARCH, Vol. 35, No. 1, pp.31-39 (January 2011)
- ▶ HZ Wang, DYC Leung, MKH Leung, Meng Ni, KY Chan, Modeling and analysis of an aluminum-water electrochemical generator for simultaneous production of electricity and hydrogen. INTERNATIONAL JOURNAL OF ENERGY RESEARCH, Vol. 35, No. 1, pp.44-51 (January 2011)
- ▶ Meng NI, Thermo-electrochemical modeling of ammonia-fueled solid oxide fuel cells considering ammonia thermal decomposition in the anode. INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Vol. 36, No. 4, pp.3153-3166 (February 2011)
- ▶ Jin Xuan, MKH Leung, DYC Leung, Meng Ni, Density-induced asymmetric pair of Dean vortices and its effects on mass transfer in a curved microchannel with two-layer laminar stream. CHEMICAL ENGINEERING JOURNAL, Vol. 171, No. 1, pp.216-223 (June 2011)
- ▶ Jin Xuan, MKH Leung, DYC Leung, Meng Ni, HZ Wang, A computational study of bifunctional oxygen electrode in air-breathing reversible microfluidic fuel cells. INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Vol. 36, No. 15, pp. 9231-9241 (July 2011)

- ▶ Jin Xuan, MKH Leung, DYC Leung, Meng Ni, HZ Wang, Hydrodynamic focusing in microfluidic membraneless fuel cells: Breaking the trade-off between fuel utilization and current density. INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, Vol. 36, No. 17, pp.11075-11084 (August 2011)
- ▶ Jin Xuan, DYC Leung, MKH Leung, HZ Wang, Meng Ni, Chaotic flow-based fuel cell built on counter-flow microfluidic network: Predicting the over-limiting current behavior. JOURNAL OF POWER SOURCES, Vol. 196, No. 22, pp.9391-9397 (November 2011)
- ▶ Wong K.D., Wong K.W., Abid Nadeem (2011). "Building Information Modelling for Tertiary Construction Education in Hong Kong", Journal of Information Technology in Construction (ITcon), Feb 2011 Vol. 16, pg. 467-476, <http://www.itcon.org/2011/27>.
- ▶ Wong K.D., Wong K.W., Abid Nadeem (2011). "Government Roles in Implementing Building Information Modelling Systems: Comparison between Hong Kong and the United States", Journal of Construction Innovation: Information, Process, Management, Vol. 11 No. January, 2011 pp. 61-76, Emerald Group Publishing Limited 1471-4175 DOI 10.1108/14714171111104637.
- ▶ Wong K.D., Wong K.W., Abid Nadeem (2010). "Attributes of Building Information Modelling Implementation in Various Country" Journal of Architectural Engineering and Design Management", Special Issue in Integrated Design and Delivery Solutions, Page 288 to 302, Volume 6(4), November 2010, ISBN 978-1-84971-275-0.
- ▶ Chan, APC, Yeung, JFY, Yu, CCP, Wang, SQ, and Ke, YJ (2011) An empirical study of risk assessment and allocation of PPP projects in China. ASCE Journal of Management Engineering, Vol. 27, No. 3, July 1, 2011, 136-148.
- ▶ 樊宏钦 郭红领 金志刚 李恒 (2010). "B I M技术应用的机遇与挑战：香港建筑业实践情况，", 土木建筑工程信息技术期刊，第二卷，第三期，2010.9



Refereed Conference Papers

- ▶ Tang L 1 Fan S.C., Shen, Q.P., Lui M.T., Wang D.L., Suen W.P., Xue X.L. (2010). Dusty work processes and trades in Hong Kong Construction Industry, Proceedings of 2010 International Conference on Construction and Real Estate, 1-2 Dec, Brisbane, Australia, 71-75.
- ▶ Xue X.L., Li L., Azambuja M., Shen Q.P., Chen X. (2010). A conceptual framework of influence elements of construction project negotiation performance, Proceedings of 2010 International Conference on Construction and Real Estate, 1-2 Dec, Brisbane, Australia, 127-129.
- ▶ Yuan Y., Shen, Q.P. (2010). Using IFC standard to integrate BIM models and GIS, Proceedings of 2010 International Conference on Construction and Real Estate, 1-2 Dec, Brisbane, Australia, 224-229.
- ▶ Tang L.Y.N., Shen, Q.P., Cheng E.W.L. (2010). Procurement-related critical factors for the success of briefing in public private partnership, Proceedings of 2010 International Conference on Construction and Real Estate, 1-2 Dec, Brisbane, Australia, 285-289.
- ▶ Wang H., Shen Q.P. (2010). A review of research works in sustainable urban land use, Proceedings of 2010 International Conference on Construction and Real Estate, 1-2 Dec, Brisbane, Australia, 456-462.
- ▶ Meng Ni, Ammonia Fed Solid Oxide Fuel Cell With Oxygen Ion Conducting Electrolyte (O-SOFC). Asian SOFC Symposium, Kyoto, Japan, 5-7 September 2010 (September 2010)
- ▶ Meng NI, Modeling of High Temperature Fuel Cell Running on Methane/Steam Mixture. Asian SOFC Symposium, Kyoto, Japan, 5-7 September 2010 (September 2010)
- ▶ Jin Xuan, MKH Leung, DYC Leung Meng Ni, HZ Wang, Hydrodynamic Focusing in on-chip fuel cells. The 11th National Hydrogen Energy Conference, Hangzhou, China, 25-27 October 2010 (October 2010)
- ▶ Meng NI, Modeling of protonic ceramic fuel cells. In Dr. M. Marrony, Dr. J. Dailly, Dr. Nathalie Cros, ed., International Workshop on Protonic Ceramic Fuel Cell and Steam Electrolysis: Status & Prospects, Montpellier, France, 3-4 November 2011 (November 2011)
- ▶ Fan, H. and Jin, Z.G. (2011). "A study on the factors affecting the economic life of heavy construction equipment." Proceedings of the International Symposium on Automation and Robotics in Construction, International Association for Automation and Robotics. Seoul, S. Korea, 29 June 2011~2 July 2011.

- ▶ Fan, H., and Li, H. (2011). “Retrieving similar cases for alternative dispute resolution in construction accidents using text mining techniques.” accepted for publication in the proceedings of the International Symposium on Information Technologies in Safety Management of Large Scale Infrastructure Projects, Elsevier B.V., November 21-23, 2011, Wuhan, China
- ▶ ZHANG, R., RUAN, L. F., & WONG, K. D., LIANG C. (2010). “A study of Implementation of Web-enabled Construction Project Management System based on Improved Technology Acceptance Model”. Paper presented at the 8th postgraduate academic conference on civil engineering. Nov 2011, Hangzhou
- ▶ Chan, APC, and Xu, YL (2011) A research framework for risk management of PPP projects in China. Proceedings of 6th International Structural Engineering and Construction Conference, ISEC06 – Modern Methods and Advances in Structural Engineering and Construction, 21-26 June, 2011, Zurich, Switzerland, 79-83.

Technology Transfer / Consultancies / Patent, etc.

- ▶ Shen QP, Consultancy services for conducting a value management workshop on the design and installation of passenger gangways for the Kai Tak Cruise Terminal, Electrical and Mechanical Services Department, HKSAR Government
- ▶ Shen QP, Design and facilitation of integrated workshop (value management, risk management, integrity and partnering) for the design and construction of rank and file quarters for Immigration Department, Architectural Services Department, HKSAR Government

Recognition (local / regional / international)

- ▶ Meng Ni, Top Reviewer Award, International Journal of Applied Energy, Elsevier, May 2011.

Academic Collaboration

- ▶ Dr. Meng Ni has one collaborative research project with Prof. Changrong Xia from University of Science and Technology of China.

Research Grants Acquired

- ▶ Michael Yam, A Study of a Stiffened Extended End-Plate Connection with Nitinol Shape Memory Alloy Bolts Subject to Cyclic Loading, Research Grants Council, GRF (HKSAR) at HK\$677,221
- ▶ Meng Ni, Changrong Xia, 3D Microstructure Reconstruction and Pore-scale Simulation of Heterogeneous Porous Cathodes of Solid Oxide Fuel Cells with Proton Conducting Electrolyte, HK RGC, GRF, HKD 681, 195.
- ▶ Albert Chan PY. Anti heat stress clothing for construction workers in hot and humid weather (RGC General Research Fund) 2012-2014. HK\$1,166,186.00

Others

Service to Government Appeal Boards/Committees:

Construction Contracting and Regulatory Innovations:

- ▶ Michael Yam
 - ❖ Housing and Built Environment Subject Area, HKU SPACE (Sep.2010 – Aug 2013) External Examiner
 - ❖ HKIE/CIOB, Professional assessment for reciprocal recognition Agreement (2010) Assessor/Trainer
 - ❖ Hong Kong Institution of Engineers (HKIE), Professional Assessment (Building Discipline), 2009-2010 Assessor
 - ❖ Building Division, Hong Kong Institution of Engineers (HKIE), (July 2010 – June 2013) Member

- ❖ Structural Engineers Registration Committee, Buildings Department, the HKSAR Government (January 2010 - Dec 2011) Member
- ❖ Appeal Tribunal (Buildings) Housing, Planning, and Lands Bureau, HKSAR Government, (Dec 2009 – Nov 2012) Member
- ❖ Diploma in Vocation Education (Construction), Vocational Training Council, Hong Kong. (2009/10 – 2011/12) External Examiner

Editors/Editorial Board Members for International Journals:

- ▶ Heng Li, Review Editor (1999-), International Journal of Automation In Construction.
- ▶ Heng Li, Member of Editorial Board of International Journal of Construction Innovation
- ▶ Heng Li, Member of Editorial Board of International Journal of IT in Architecture, Engineering and Construction
- ▶ Heng Li, Member of Editorial Board of International Journal of Architectural Engineering and Design Management: an International Journal
- ▶ Heng Li, Member of Editorial Board of Information and Logistics Management.
- ▶ Heng Li, Member of Editorial Board of Construction Management and Economics.
- ▶ Chan E.H.W., Editorial Advisor Board (2007-) of the HKIA Journal, The Official Journal of the Hong Kong Institute of Architects, HKIA, 19/F One Hysan Avenue, Causeway Bay, Hong Kong.
- ▶ Chan E.H.W., Editorial Member (2004-) Asian Dispute Review, Hong Kong International Arbitration Centre, Hong Kong.
- ▶ Chan E.H.W., Editorial Advisory Board (2008-) of the International Journal of Law in the Built Environment., Emerald.
- ▶ Daniel W.M. Chan, Member of Editorial Board of The Open Construction and Building Technology Journal (TOCBTJ) (ISSN: 1874-8368) since 2008
- ▶ Geoffrey SHEN QP
 - ❖ Building Research and Information (2010-present)
 - ❖ ASCE Journal of Management in Engineering (2010-present)

- ❖ Construction Innovation: Information, Process, Management (2008-present)
 - ❖ International Journal of Construction Project Management
 - ❖ International Journal of Excellence in e-Solutions for Management
 - ❖ Journal of Civil Engineering and Management (2007-present)
 - ❖ The Built & Human Environment Review
 - ❖ International Journal of Project Organisation & Management
 - ❖ Built Environment Project and Asset Management (2010-present)
 - ❖ The Open Construction and Building Technology Journal
 - ❖ Smart and Sustainable Built Environment (2011-present)
- NI Meng
- ❖ Meng Ni, Member of Editorial Board for Energy and Power Engineering, Vol. 3, No. 1-4, Scientific Research Publishing, Inc., USA,
 - ❖ Meng NI, Member of Editorial Review Board, International Journal of Manufacturing, Materials and Mechanical Engineering, Vol. 1, No. 1-3, IGI Global, Hershey, PA 17033, USA,.
 - ❖ Meng Ni, Member of Editorial Board, International Journal of Energy and Environment, Vol. 2, No. 1-6, International Energy and Environment Foundation, Iraq.

