

Dr. Albert SO
17010 15th Dr SE, Bothell, WA 98012
Cell Phone: 425.299.3798 E-mail:alberttpto@gmail.com

Professor and Electrical Engineer

23 years of experience in teaching, educational program development, research, lighting systems, networked controllers, building automation systems, HVAC controls, architectural engineering, facility management and elevator engineering. 25 years of experience working with the industry in energy code making, BACnet/LonWorks protocols development, HVAC/automation related product design, and consultation on facility management.

Specializations related to Feng Shui

Feng Shui, Fate Calculation, Chinese Philosophy, classical Chinese Literature, Ufology, Parapsychology, Paranormal Investigations.

Experience Highlights

Asian Institute of Built Environment, Hong Kong

3/2011-now

Director

Run degree programs in building services engineering, architectural engineering and facility management, from undergraduate to postgraduate levels for UK and Australian universities.

City University of Hong Kong

6/2002-now

Program Developer and Leader in Diploma of Facility and Property Management.

Johnson Controls Inc.

3/2008-11/2011

Director of Integrated Solutions

Integration of large tonnage chillers and Metasys – Building Automation System. R&D on energy saving chillers involving artificial neural networks built inside Metasys. Training program development and teaching.

City University of Hong Kong

8/1990-11/2009

Associate Professor / Adjunct Professor

Teaching and research in engineering physics, mathematics, electrical services, electronic controllers, lighting, HVAC controls, building automation, elevator engineering. Program development and management.

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Electrical & Mechanical Services Department, HK Government 9/1985-7/1990

Electrical & Mechanical Engineer

Stage V Development of Hong Kong Kai Tak International Airport. Testing and commissioning of building automation, HVAC plants, transformer sub-stations, baggage handling system, aerodrome lighting and controls, and other MEP installations.

University of Washington at Seattle 10/2007-2/2008

Visiting Instructor teaching facility management.

Education & Credentials

Doctor of Philosophy in Electrical Engineering, The University of Hong Kong 1995

Master of Philosophy in Electrical Engineering, The University of Hong Kong 1989

Bachelor of Science in Electrical Engineering, The University of Hong Kong 1983

Senior Member of IEEE, US. Member of ASHRAE, US.

Fellow of Chartered Institution of Building Services Engineers, UK.

Fellow of Institution of Mechanical Engineers, UK.

Fellow of Society of Operations Engineers, UK.

Member of Institution of Engineering and Technology, UK.

Senior Member of Chinese Society of Mechanical Engineering, PRC.

Member of Hong Kong Institution of Engineers, HK.

Chartered Engineer, UK and Registered Professional Engineer, HK.

APEC and EMF Engineer in Electrical and Building Services Engineering.

Registered Energy Assessor, HK and Registered Electrical Worker, HK.

Awards

Napier Shaw Bronze Medal on Best Paper of the Year by CIBSE, UK in 1998.

Carter Bronze Medal on Best Paper of the Year by CIBSE, UK in 2003.

Institution Bronze Medal on Contribution to CIBSE by CIBSE, UK in 2004.

Patents

So Albert Ting Pat: Intelligent building management system. Deson IES Engineering May 2002: U.K. GB2369471 as inventor.

Albert Ting Pat So: 智能建築管理系統. / Intelligent building management system.

Deson-IES Engineering April 2003: HK 1048893 as inventor.

Publications (only those related to Feng Shui shown in details)

Over 200 articles published in international journals and conference proceedings. Over 10 books or book chapters published.

- So A.T.P. and Lu J.W.Z., "Natural ventilation design by computational fluid dynamics - a feng shui approach", *Architectural Science Review*, Vol. 44, No. 1, 2001, pp. 61-70.
- So Albert, "Intelligent home and feng shui", *CABA Information Series*, IS-2006-79, December, 2006.
- Mak, Michael Y and So, Albert T, *Research in Scientific Feng Shui and the Built Environment*, City University of Hong Kong Press, H.K., 2009.
- Mak, Michael Y and So, Albert T, *Scientific Feng Shui for the Built Environment, Fundamentals and Case Studies*, City University of Hong Kong Press, 2011.
- So Albert, "Feng shui and facility management", Integrate – Facility Management Conference, IFMA, Hong Kong, May, 2013.
- So Albert, "Utilizing feng shui by housing, property and facility managers", CPD seminar, IFMA, HKIHK, CIHAPB and CityU, July, 2013.