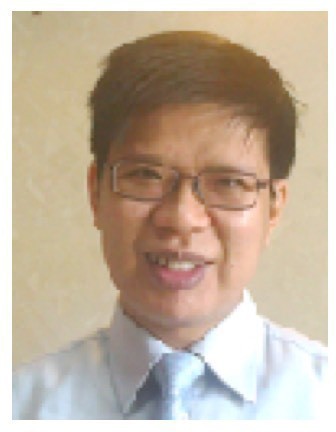
**Personal Details**

**Name:** Lam Kai Shun, Carson (林啟信）

**Tel:** 9078-5922/64631397

**Address:** Flat F, 9/F Block B, Yah Yuen Building / Estate, 42 Yuet Wah St, Kwun Tong, Kowloon, Hong Kong

**Religion:** Baptised Christian

**Birth Place:** Former BritishHong Kong Born in 1970s

**Nationality:** British National Overseas

**References:** Pastor Mok Kong Ting (莫江庭牧師)

Tel: 60316772

Mr. Shek Cheung Ming （石祥明牧師）

[brianshek.lca@gmail.com](mailto:brianshek.lca@gmail.com)

**Availability:** Immediate

**Email:** h9361977@connect.hku.hk; carson1114@hkbn.net;

**My Webpage:** <https://sonsonshek.github.io/sonsonshek/>

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**Current Academic Appointment**

Research assistant in the Faculty of Dentistry under the supervision of Dr.Walter Lam Yu Hang, HKU (12/092021-12/12/2021)

**Honours and Awards**

1. Fellow (membership) of the Scholars Academic & Scientific Society (FSASS)

Borhawar, Murajhar, Hojai, Assam-782439, India; www.sassociety.com; [office@sassociety.com](mailto:office@sassociety.com)

**\*\*\*\*\*A Rationalisation for the Bayes and Heinrich Theories to net-seize the Butterfly Effect (or the interaction with Lorenz System) — HKLam Theory\*\*\*\*\***

**2.** Honour Prize in the subject of Additional Mathematics (1988 - 89)

NLSI Lui Kwok Pat Fong College

3. Publishing Certificate for the paper — Students’ Digital Equality and Scholarly Outcomes Scholar journal of Physics, Mathematics and Statistics, India (Nov, 2020)

4. Certificate of Expert Author — Can Quantum Mechanics correlate all Natural Forces?

An Experimental and Observational Approach, Journal of Physical Mathematics, Hilaris Publisher (May, 2021)

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**Master’s Major Research Outcomes**

\*\*\*\*\*Qualitative Disproof of Cultural Continuum plus Quantitative (Statistical) Finite Element Curve Fitting through Newton’s Divided Difference Method\*\*\*\*\*

Degree Technically Graduated (rather than somebody arsine)

Master of Philosophy in Christian Education and Theology (non-recognized) — (First Honor & straight A) (2018-2021)

Research topic: A Theological Visit to the Holy Land — Israel for Christian Education

Establish a Standard Operation Procedure for the analysis of common Measurement Invariance Models Delta Differentiation Method for the Aerodynamics in Business Engineering or an application in the field of psycholinguistics translation etc.

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Major Tertiary Education in the University of Hong Kong

**Dual Master Degree Previously Obtained**

(2015) M.Sc. (ITE) E-Learning and Leadership (with a Merit), University of Hong Kong, Faculty of Education, Division of Information Technology Studies

\*\*\*\*\***Dissertation: A Disproof to Cultural Competent Continuum Model\*\*\*\*\***

(2003) M.Sc. (Eng) — Computer and Data Engineering (with a Merit),

University of Hong Kong, Electrical and Electronic Engineering Department

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**Teaching Professional Diploma**

Postgraduate Diploma in Education PGDE (Mathematics & Statistics Education) — HKU, 2004-2005

**(N.B. But NOT NON-Bachelor Degree holder’s Higher Diploma/Diploma from HKIVE or HKIE)**

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**Bachelor Degree**

(1996) B.Sc. — Pure and Applied Mathematics, University of Hong Kong

(1992-1993) B.Sc. in Physics — Year 1 only (The Hong Kong University of Science and Technology)

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Current research interests

1. Mathematics and education

Adviser: Honorary Professor Siu Man Keung ( 蕭 ⽂ 強 教 授 ), Former Head of Mathematics

Department, HKU, Email: [mathsiu@hkucc.hku.hk](mailto:mathsiu@hkucc.hku.hk)

In my undergraduate study, I turned the pure mathematics theory into the applied mathematics. One of the case is my final year project in mathematical philosophy (symbolism) which suggested that positive logic-ism (empiricism) with non-formalised policy can be viewed as the foundation of mathemat- ics. The application is in the Natural Language Processing and hence language translation etc. For the vice versa, one may consider one of my present papers which used the numerical analysis (approxima- tion algorithm) for discovering the Pythagorean’s theorem in our ancient (Babylonian — a negative example in turning the value into a theory) world.

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1. Information Technology education

Former Supervisor: Dr Chu, Samuel Kai Wah, (朱啟華博⼠), Former Head of Information

Technology Studies, Faculty of Education, HKU, Email: [samchu@hku.hk,](mailto:samchu@hku.hk)

1. Master Level Thesis – Digital divide in Secondary Schools:AHong KongStory

Research Project: Digital Divide in Education: An Experiential Understanding, Research

Grants Council, Public Policy Research. University Grants Committee of Hong Kong

Administrative Region Government (2012 – 2014) (HKU7032-PPR-12)

Former Supervisor: Prof Allan Hoi Kau Yuen , former Director for Centre of Information

Technology in Education, HKU (袁海海球教授)

During my master's study in I.T. Education, I had disproved the cultural competence continuum (for it always has some common beliefs) philosophically. Thus, I further developed a passionated learning philosophy that may be used to predict human behaviour from my proposed HKLam theory. Indeed, the behaviour can then be explained by the psychological theory -- the self-determination one and may even works with the achievement goal theory as a predictor for the dispositional flow. Indeed, it has been shown that positive experience is related to athlete’s goal orientation. Thus, past reward experiences like

e-badges for recording the reading achievements can be acted as a mean to motivate the goal for the simi- lar future challenges and even attain the wanted flow equilibrium. This can prevent anxious and bored. In a computer game playing case, when there are some difficulty situations for players that will be rewarded (such as high scores) after completion, players will enjoy the playing and cannot stop playing. The reason is that the players have already reached a critical level of engagement. Such kind of heightened level of engagement is named by psychologists as the cognitive flow. According to Csikszentmihalyi in 1970s, when skill and difficulty are roughly proportional, then players will enter the flow states. To achieve equi- librium, the computer games should have the following characteristics:

1. Concrete goals with manageable rules;
2. Goals that fit the player capabilities;
3. Clear and timely feedback;
4. Eliminate distractions.

Therefore, if we want to train a sport player, we should first create a positive experience from rewards. This is used to establish some positive past experiences. Then we should design a suitable training pro- gram with reference to the above four characteristics such that he/she will enter the cognitive flow state equilibrium as aforementioned for resulting a well and fitness sport player.

3. When I was in HKU (business) engineering faculty, I philosophically found that, for the parallel computer architecture design, one may distribute the parallels inputed jobs for the internal various computing core. On the contrary, a multiple output of computed results may be combined by a centralised core (or may even be circulated and feed back into the process recursively). Hence, the central processor’s computation power can then be enhanced. I was also expert in designing and implementing business information system such as an interactive data management software by using SQL language.

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4. My most recent project is: Supervisor — Dr. Leung Hing Keung (former Professor in the HKEducation University)

Topic: A Rationalized Christian Israel Holy Land Traveling

Results: A new mixed typology of long years Christian believers went to the Israel visiting because of depression and curiosity but NOT just religious reasons. Suggestion: they need some kind of Christian spiritual revival.

Indeed, we may construct the Markov chain model for the high dimensional categorical data sequences (W.K.Ching, Mathematics Department, HKU), one can reduce the problem by some efficient estimation methods (in finding the parameters) by formulating a suitable translational matrix. Then if we choose the norm (infinity) for the minimisation, the problem becomes an optimisation issue. In the case of one and two dimensional norms, the result will be the linear or a quartic programming one. By solving the corresponding optimisation problem, we may get the wanted model(s) for the prediction to the high dimensional categorical time series data. In my project, this is practically done by the software Spice- Logic under machine learning method which is subjected to certain constraints. According to Makrtijn van Otterlo in 2009, we may lift the Markov decision processes, reinforcement learning and dynamic programming to the first-order (or rational) setting. Then one may base on the extensive analysis of propositional representations and techniques to translate the proposition into the relational setting. In my present case, I consider the BCFA Christian Israel Tourism model as a multidimensional one. I try to investigate the Markov chain model by studying both of the intra and inter-properties of these (three) individual dimensions (converged and well-fitted for these three different perspectives (groups) of questionnaires independently) with reference to the present collected data. These may include the study of those latent constructs behind, measurement invariances (multidimensional and multi-group that may result for a new measurement) and the accuracy of the prediction models from logistic regression together with business machine learning regression etc.

B**ooks publication:**

**1. A Quantum Look into Education by Scholar**’**s Press,**

https://[www.amazon.com/Quantum-Look-into-Education/dp/6202315253/](http://www.amazon.com/Quantum-Look-into-Education/dp/6202315253/) ref=sr\_1\_1?

ie=UTF8&qid=1540205177&sr=8-1&keywords=9786202315258&dpID=41tBir QJxKL&preST=\_SY291\_BO1,204,203,200\_QL40\_&dpSrc=srch

https://[www.morebooks.de/store/gb/book/a-quantum-look-into-education/isbn/](http://www.morebooks.de/store/gb/book/a-quantum-look-into-education/isbn/) 978-620-2-31525-8

ISBN: 978-620-2-31525-8

**2. A Predictive Net-Seizing (HKLam) Theory and Futurism (Mandsaur University), Asian Journal of Mathematical Science, Volume 5, Issue 3, 2021: Special Issue**

<https://www.researchgate.net/publication/357321899_Special_issue_AJMS_Jul-Sep_2021_Combined_20211223_V1>

<https://www.ajms.in/index.php/ajms/issue/view/30>

image2.pngTertiary Institute Teaching Experience

1. Post-Master research/academic experience (Award: SAS Fellow Membership or FSASS) 12/2015 – Now

2. University of Hong Kong, Faculty of Education, Centre of Information Technology in Education – Research Assistant; An in-depth interview and research about the digital divide problems in Hong Kong Secondary Schools. 12/2013 – 30/6/2014

3. CCC Fong Yun Wah Evening School – Computer Class for Adult – Lecturer

Taught elderly basic computer both theory and practice. Helped students to open web mail & Face Book account

and manage them. Conducted class in Web Site Design & Development using Dreamweaver, Photoshop &

Flash. Designed and taught Advanced Microsoft Office Application includes using VBA. Tailor made lecture

notes for different classes lecture. Encouraged small group discussion and patiently helped students to solve

computer problems. 4/2010 – 7/2012

4. HK Institute of Education (Project Yi Jin) – Lecturer Taught I.T. Application for Project Yi Jin. Utilized a

variety of teaching method including Guided Teaching, Group Discussion, hands on activities to facilitate

learning process and help students to do homework assignments. Participated in setting final examination

and marking them for students. 9/2009 – 6/2011

5. Lai Sun Correctional Institute – Education Officer

Taught students in subjects English & I.T. Discussed with students the daily usage of English Grammar.

Develop class exercises and tests for them. Taught Microsoft Word and Excel for them. Class size around 20 –

30. 5/2009 – 9/2009

6. Love Neighbor Association – Instructor

Taught secondary students Mathematics and I.T. in small groups. Helped them

to do homework assignments and reviewing textbooks. Taught adult computer class and developed teaching

materials for them. 4/2008 – 4/2009

7. HK Computer Institute – Lecturer

Taught post secondary students (diploma & higher diploma) in mathematics subjects including Business

Modeling, Mathematics and Statistics for Computing. Used computer software in the creation and running of

business model. 6/2003 – 4/2004

8. YMCA College of Career – I.T. subjects (Database & MS Office Coordinator) Taught post secondary

students in computer subjects. Taught diploma courses mainly in Microsoft Office including Word, Excel,

Power Point and Access.Taught higher diploma courses in Microsoft Access with Marco and Visual Foxpro.

Taught both theory (ER Diagram and keys) and practical use of database (from table linking, Structure Query

Language Programming to Visual Foxpro syntax programming). Database and MS Office Coordinator. Lead

student project (School Management System) - **Instructor** 10/2000 – 6/2002

**Courses taught in the previous years**

* 1. Internet Software: Dreamweaver, HTML, Photoshop & Flash (Action Script);
  2. Mobile Phone Programming: MIT App Inventor 2;
  3. Project Yi Jin (Springboard) – I.T. Application;
  4. Business Modeling for Mathematics & Mathematics for Computing;
  5. Business Database Software: Visual Foxpro programming, MS Access & SQL, Excel (VBA);
  6. English Grammar for Daily Usage;
  7. I.T. Security;
  8. MS Office Application: Elementary & Advanced;
  9. Led Student Project (School Management Project);
  10. Business Microsoft Office;
  11. Networking;

**Specialized in:**

1. Statistical software: SPSS, JASP & R programming (— requires a lot of supplementary packages for further improvements),
2. Mathematics Programming Software: Matlab / Octave,
3. Business Information Processing Software: Excel and Access Programming
4. Web site building with html etc
5. Big data and statistical analysis in social science field