

Curriculum Vitae



NAME **Sutha Luealamai**

DATE OF BIRTH July 8, 1971

PLACE OF BIRTH Ratchaburi, Thailand

INSTITUTES ATTENDED

Silpakorn University, Nakornpathom, 1990-1994

Bachelor of Science (Chemistry)

Mahidol University, Bangkok, 1999-2003

Master of Science (Technology of Information System Management)

Mahidol University, Bangkok, 2008-2010

Doctor of Philosophy (Science and Technology Education)

HOME ADDRESS

59/71, Moo 5, Boromarajajonani Rd.,

Sala Thammasop, Thawi Watthana Bangkok, 10170, Thailand.

Tel. 02-8888291, 087-5088770

E-mail suthait@hotmail.com, suthait42@yahoo.com

EMPLOYMENT ADDRESS

Institute for Innovative Learning Mahidol University,

Phutthamonthon, Nakornprathom, 73170, Thailand.

Tel. 02-4419020 Ext. 1301

E-mail ilsutha@mahidol.ac.th, suthait@hotmail.com

EXPERIENCE

Current:	Lecturer (Institute for Innovative Learning, Mahidol)
2007-2008	Vice-director (Rangnam campus), Rajabhat Suan Dusit University.
2006	Program coordinator (Information Technology program), Rajabhat Suan Dusit University.
2004-2006	Associate Editors, Suan Dusit journal.
2001-2005	Lecturer (Computer science), Rajabhat Suan Dusit University.
1999-2000	Programmer and System Analyst, DLT Co., Ltd.
1996-1998	Computer teacher, Sombunwit school.
1995	BOARDMAN in Computer Color Matching (CCM) section, TPI Co., Ltd.
1994	Production engineer in Polymer section, ChiemPatana Synthetic Fiber Co.,Ltd.

SPECIAL ABILITY

- Able to Programming more than 4 computer language: C, Pascal, JavaScript, PHP and ActionScript.
- Able to analyze and design database system.
- Able to applied Computer graphics to simulate matter in microscopic level.
- One's long experience of instructional software development and gain a lot of national prizes from instructional software contest (*see AWARDS AND HONORS*).

AREA OF INTERESTS

- Computer simulation and computer games for instruction.
- The visual-spatial ability on learning science, mathematics and technology.
- Development of Teaching and Learning Materials (models) in Science and Mathematics.

PUBLICATIONS

Luealamai, S., & Panijpan, B. (2010). Learning about the Unit Cell and Crystal Lattice (A pilot study): A Combination of Computer-Based Simulations and Games. *Simulation and Gaming Journal (in press)*.

Luealamai, S., Panijpan, B., & Ruenwongsa, P. (2010). Using Computer Simulation and Game Module to Enhance Undergraduate Students' 3D-Visualization. *International Journal of Learning (in press)*.

PRESENTATION / PROCEEDING

Luealamai, S. (2008, 6-8 October). Online Genetics. In Proceeding from National Conference on ICT2008. Mahidol Wittayanusorn school, Thailand.



Luealamai, S., Sukhseelueang, S., & Panijpan, B. (2009). Fundamental Genetics. In Proceeding from National Genetics Conference. Thammasat University, Thailand.



Panijpan, B., **Luealamai, S.** (2009, 29 June-3 July). A game and simulation multimedia to teach atomic packing in crystal unit cells. In Proceeding from the 40th International Conference on ISAGA2009: Game to Learn – Learn to Game. National University of Singapore, Singapore.



Luealamai, S. (2010, 25-27 March). A Building Block Set: A new hands-on game for enhancing students' perception of geometry. Oral Presentation from National Conference on ThaiSim2010: Learning from experience through game and simulations. Trang, Thailand.



AWARDS AND HONORS

Periodic Table of the elements(1998): **Second prize** at a Small Software Project Development contest. *National Electronics and Computer Technology Center (NECTEC).*



Multimedia Tutorial Guide on Flame-AAS version1(2002): **First prize** from Natioanl CAI contest. *Office of Rajabhat Institute Council.*



Multimedia Tutorial Guide on Flame-AAS version2 (2002): **Second prize** from National CAI contest. *Ministry of Education.*



Fundamental Thai Sign Language (1999): **Second prize** from National Software Contest. *National Electronics and Computer Technology Center (NECTEC).*



DNA(2004): A consolation prize from Courseware contest, by *Office of the Basic Education Commission (OBEC)*.



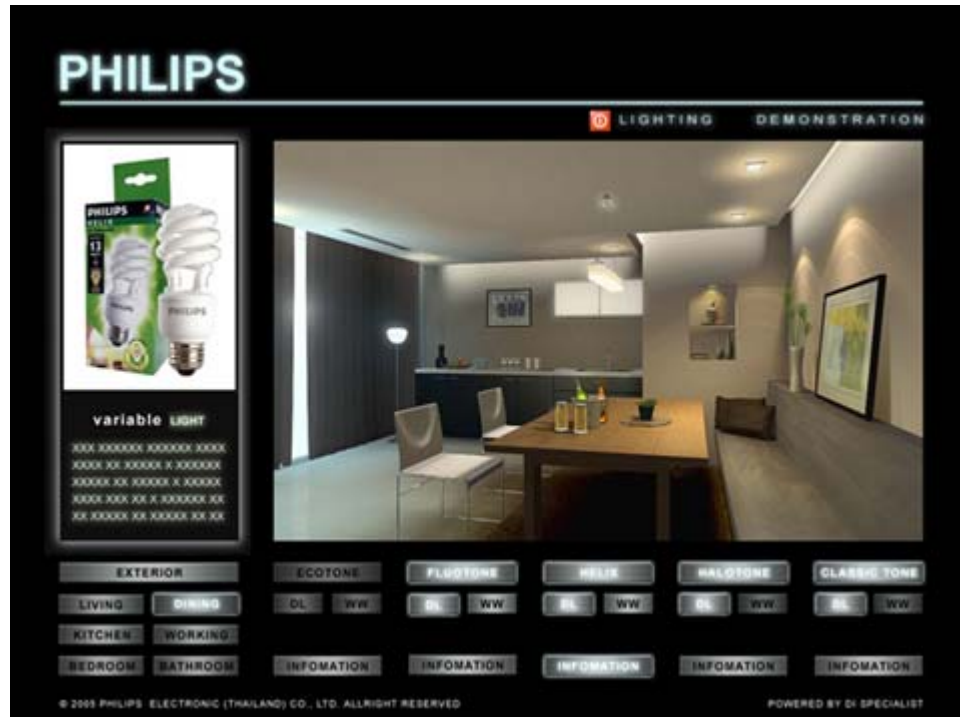
Fundamental genetics (2008): Third prize from ICT media content. *The Institute for the Promotion of teaching Science and Technology (IPST)*.



SOFTWARE DEVELOPMENT EXPERIENCES

PHILIPS Lighting Demonstration (2005): Multimedia touch screen for PHILIP.

Client: DI Co., Ltd (subcontractor).



VA-Software (2004): electronics questionnaire running on PALM OS.

Client: Institute for Population and Social Research, Mahidol University.



KIRIN (2001): Multimedia touch screen of KIRIN restaurant.

Client: DI Co., Ltd (subcontractor).



AllLight (2000): Multimedia kiosk CD-ROM of DLT Co., Ltd.

Client: DLT Co., Ltd.



PCS (1997): Multimedia kiosk CD-ROM of Properties Care Services Co., Ltd.

Client: Properties Care Services Co., Ltd.

