

Curriculum Vitae

12 March 2007

Name: Leow Wee Kheng

Appointment: Associate Professor

Organization: Department of Computer Science, School of Computing, National University of Singapore

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Education

- Ph.D. Computer Science, The University of Texas at Austin, 1994
- M.Sc. Computer Science, National University of Singapore, 1989
- B.Sc. Computer Science, National University of Singapore, 1985

Career History

- Associate Professor, Jan 2002 – present
Dept. of Computer Science, School of Computing, National University of Singapore
- Lecturer / Assistant Professor, Mar 1995 – Dec 2001
Dept. of Computer Science, School of Computing, National University of Singapore
- Software Engineer, Jun 1992 – Nov 1993
Pavilion Technologies, Inc., Austin, Texas, USA

Research Interests: Medical image analysis, human motion analysis, computer vision, multimedia analysis.

Research Collaborators:

- Local collaborators: Faculty of Medicine (NUS), Singapore General Hospital, Singapore Skin Centre, ResultSmith
- Overseas collaborators: CNRS (France), National Taiwan University, National Taiwan University Hospital.

Publications: more than 80 conference papers, journal papers, and book articles

Patents

- Invariant Texture Matching for Image Retrieval (US 6192150, granted on 20 Feb 2001)
- Frontier Advancing Polygonization (US 7091969, granted on 15 Aug 2006)
- Method and System for Detection of Bone Fractures, international patent application published under Patent Cooperation Treaty (PCT): International Publication Number WO 2005/083635 A1, 9 Sep 2005. US patent pending.

Research Grants

- 11 research grants awarded, totaling \$2.3 million.

School Committees and Labs

- School Curriculum Committee Member: Apr 1998 – 2000
- Graduate Studies Committee Member: 2001 – June 2005
- Communications and Media Programme (B.Comp. CM) Committee Member: 2001 – June 2005
- CS Curriculum Chair, July 2005 – present
- Associate Director, CHIME, Aug 1999 – present

Professional Activities

- Program Co-Chair, CIVR 2005.
- Program Committee member, MMM 2000, DMS 2002, 2003, 2004, ICME 2004, ACCV 2006, 2007, PRICAI 2006, ICCV 2007.
- Organizing Committee member, MMM '97, 2000, PG '98, RoboCup '97