



# Masters of Science in Computer Science

## Newsletter

August 2011

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### Contact US

**Myungsook Klassen**  
mklassen@clunet.edu

**Chang-Shyh Peng**  
peng@clunet.edu

**Craig Reinhart**  
reinhart@clunet.edu

### MSCS News

#### **D Building Remodeling**

D building has gone a bit of remodeling this summer. The MSCS lab D13 is now accessible from the south entrance. The program director's office is moved from D10 to D19 in the south hallway .

#### **Online courses**

The MSCS program start offering on-line courses. The current on-line course plan is

- FA'11. CS582 Special topics: HCI (Human Computer Interaction)
- WI'12. CS544 Wed Database
- SP12. CS582 Special Topics: Open Source Software Development.

### Fall Term New Adjunct Faculty

#### **Dr. Reinhold Behringer** (Fall 11 CS582-1 HCI Instructor)

Reinhold Behringer studied physics at Uni Wuerzburg (Germany), and after graduating he moved on to get a PhD in Engineering with a thesis on computer vision for an autonomous road vehicle. He worked from 1996-2005 at Rockwell Scientific in Thousand Oaks as research scientist, developing prototype demonstrators for computer vision and Augmented Reality applications. Since 2005 he is Professor of Creative Technology at Leeds Metropolitan University (UK) where he is active in the areas of human-computer interaction for creative technology applications (computer graphics, computer music).



#### **Dr. Srinivasan Jagannathan** (Fall 11 CS582-2 Intellectual Property in CS instructor)

Dr. Srinivasna Jagannathan graduated with a Ph.D. in 2003 from the University of California Santa Barbara in Computer Science. The thesis topic was in the general field of Electronic Commerce, titled "Pricing



considerations for Delivering E-Content On-Demand.

## RESOURCES

### ACM Digital Library

Individual student membership gives access to more than 100 journals. [www.acm.org](http://www.acm.org)

Currently, he is the Vice President, R&D at Kelly Technology Group, a technology and intellectual property consulting firm based in Santa Barbara. He taught undergraduate and graduate level courses at UCSB as a teaching assistant while he was doing his Ph.D.

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## In General

**Laptop Loan Program:** There are laptops available to all MSCS. Please contact your course instructor to borrow one for a term.

**Leave of Absence:** When students leave the program for a period of time, the leave request must be submitted. The leave may be requested for up to three terms and the form must be submitted each term until return. The form (LOA form) is available at <http://www.callutheran.edu/schools/cas/programs/mscs/printable/>

**ACM Membership:** Join ACM as a Student Member with ACM Digital Library Access (Student Portal Package. Yearly Rate: \$42) and the membership fee will be paid by the program for MSCS students. Fill out the [Reimbursement Form](#) and bring to Dr. Klassen.

**D13 Graduate Research Lab Hours:** Each one of you can obtain access code to D11. Contact Dr. Klassen at [mklassen@clunet.edu](mailto:mklassen@clunet.edu)

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## Schedule of Classes for upcoming terms

### Fall 11 (Aug 29, 2011-Nov 12, 2011 )

CS500	Algorithm	4	M	600PM-930PM	D8	Peng
CS505	Adv computer Graphics	4	Th	600PM-930PM	D8	Reinhart
CS550-1	Adv Network and Data Comm	4	W	600PM-930PM	D8	Chu
CS550-2	Adv Network and Data Comm	4	F	600PM-930PM	D8	Chu
CS582-1	Special Topic: HCI	4		Online	D11	Behringer
CS582-2	Special Topic: Intellectual property in CS	4	T	600PM-930PM	D11	Jagannanth
CS585	Seminar	1	T	1-2	D13	Peng
CS599 A/B	Project	4				staff

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### Winter 12 (Nov 21, 2011-Feb 16, 2012 )

CS510	Adv database systems	4	M	600PM-930PM	D14	Klassen
CS522	Embedded Systems	4	Th	600PM-930PM	D8	Reinhart
CS544	Web-based DataBase Application	4	T	On-line	D8	T. Wang
CS582	Special topic: distributed Systems	4	W	600PM-930PM	D8	Jagannathan
CS585	Seminar	1	T	1-2	D13	staff
CS599 A/B	Project	4				staff

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## Graduate Projects : summer 2011 term

Mark Kozik: Proto-Type Development of a Baseball Pitcher Throwing Arm Tracker Graphics.  
Advisor: Dr. Craig Reinhart.

Chung Han Li: Augmented Reality on Android.  
Advisor: Dr. Chang-Shyh Peng

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## Current Instructor Bios

### Myungsook Klassen

**Director of MSCS Program and Professor of Computer Science**

**M.S., Ohio State University**

**Ph.D., Case Western Reserve University**

Dr. Klassen has several years of experience working in industry as a programmer and systems analyst. Her doctorate work and specialties are artificial intelligence (AI), machine learning and pattern recognition.

<http://public.clunet.edu/~mklassen>

### Chang-Shyh Peng

**B.S., National Taiwan University**

**M.S., Ph.D., University of Texas, Dallas**

Dr. Peng develops and teaches a wide spectrum of undergraduate and graduate level computer science courses. Dr. Peng's interests include Local Area Network/Wide Area Network, data communication and networking, parallel processing, client/server development and graphical user interface.

<http://public.clunet.edu/~peng>

### Craig Reinhart

**B.S., California State University, Northridge**

**M.S., Ph.D., University of Southern California**

Dr. Reinhart has spent most of his professional career performing research in image processing and computer vision for commercial industry.

<http://public.clunet.edu/~reinhart>

### Narisa Chu

**Ph.D., Nuclear Engineering, Northwestern University**

**M.S., Nuclear Engineering, Iowa State University**

Dr. Chu has published over 30 papers in various journals, conferences and symposiums on topics like home networking, digital cable network profiles, etc.

**Nagi Mekhiel**

**Ph.D., Computer Engineering, McMaster University**

Dr. Mekhiel's research interests include advanced computer architectures, high performance memory systems, performance evaluation of computer systems and parallel processing.

<http://www.ee.ryerson.ca/~nmekhiel/>

**Randy Owen**

**In DPhil Program in Software Engineering. University of Oxford.**

**M.S., BioInformatics. University of Oxford**

Randy Owen's research interests include computational biology, development and validation of concurrent algorithms.

<http://public.clunet.edu/~owen>

**Tom Becker**

**M.S. Electrical Engineering. USC**

Tom Becker worked at Texas Instruments and Vitesse semiconductor for years. He was Hughes Research Labs Graduate fellowship. He is specialized in digital signal processing and broadband solutions.

[TomB@gmail.com](mailto:TomB@gmail.com)

**Reinhold Behringer**

**Ph.D. Universitat der Bundeswehr Munchen In Engineering.**

**M.A. Physics. SUNY**

Running Stream professor of Creative Technology at Leeds Metropolitan University, Leeds UK. Research Interest in computer vision and augmented reality.

<http://creativetech.inn.leedsmet.ac.uk/staff/rb/>.

email: [r.behringer@leedsmet.ac.uk](mailto:r.behringer@leedsmet.ac.uk)

**Srinivasan Gagannathan**

**Ph.D. Computer Science. UCSB.**

**B.Tech. CSE, IIT, India.**

Dr. Jagannathan is a Computer Scientist with extensive experience in the design, development, and analysis of a wide range of hardware, software, network, and database systems.

<http://alumni.cs.ucsb.edu/~jsrini/>

<http://www.kellytechnologygroup.com/main/sjagannathan.htm>

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## IEEE News

***IEEE Buena Ventura Section Computer Society Chapter: meets*** very second Wednesday monthly at California Lutheran University. For information, visit <http://www.ieee-bv-cs.org/>.

***IEEE International Games Innovation Conference.***

November 2-4, 2011

Sandhu Conference Center, Chapman University

One University Drive, Orange, CA 92866, USA

<http://ice-gic.ieee-cesoc.org>