

# In Situ Social Networking Today

**Webcast Type:**

Keynote

[2011 IEEE Consumer Communications & Networking Conference](#)

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**Monica Lam**

**Professor, Computer Science Department  
Stanford University**

Monica Lam is a Professor in the Computer Science Department at Stanford University since 1988. She received a B.Sc. from University of British Columbia in 1980 and a Ph.D. in Computer Science from Carnegie Mellon University in 1987. She is a co-PI in the POMI (Programmable Open Mobile Internet) 2020 project, which is an NSF Expedition started in 2008. Her current research interests are in building a decentralized, open, and trustworthy (DOT) social net. She has worked in the areas of compiler optimization, software analysis to improve security, and simplifying computing with virtualization.

She is a co-author of the book *Compilers, Principles, Techniques, and Tools* (2nd Edition), also known as the Dragon book. She helped found Tensilica in 1998, which specializes in automatic generation of configurable processor cores and compilers from a high-level description. She is the founding CEO of moka5, a desktop virtualization start up that spun out of Stanford in 2005.

Monica is an ACM Fellow. She received an NSF Young Investigator award in 1992, the ACM Most Influential Programming Language Design and Implementation Paper Award in 2001, an ACM SIGSOFT Distinguished Paper Award in 2002, and the ACM Programming Language Design and Implementation Best Paper Award in 2004. She was the author of two of the papers in "20 Years of PLDI--a Selection (1979-1999)", and one paper in the "25 Years of the

International Symposia on Computer Architecture".

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