

# Kwan-Liu Ma

CAPSULE INTRODUCTION

SNU CSE DISTINGUISHED LECTURE SERIES

Dr. Kwan-Liu Ma is a professor of computer science and the chair of the Graduate Group in Computer Science (GGCS) at the University of California-Davis. He leads the VIDI (Visualization and Interface Design Innovation) research group, and directs the DOE SciDAC Institute for Ultra-Scale Visualization. His research spans the fields of visualization, high-performance computing, and user interface design. Professor Ma received his PhD in computer science from the University of Utah in 1993. During 1993-1999, he was with ICASE/NASA Langley Research Center as a research scientist. He joined UC Davis in 1999.

Professor Ma is presently leading a team of over 25 researchers working on projects in large data visualization, information visualization, visual interface design, artistically inspired illustrations, video processing, and volume visualization. Professor Ma has been actively serving the research community by playing leading roles in several professional activities including the 2005 NSF Workshop on Visualization for Cyber Security, the SC Workshop on Ultra-Scale Visualization, the Eurographics Symposium on Parallel Graphics and Visualization, the IEEE Visualization Conference, the IEEE Pacific Visualization Symposium, and the IEEE Symposium on Large Data Analysis and Visualization. Professor Ma was an associate editor for the IEEE Transactions on Visualization and Computer Graphics (TVCG) during 2007-2011. He presently serves on the editorial boards of the IEEE Computer Graphics and Applications (CGA), the Journal of Computational Science and Discovery, and the Journal of Visualization.

YeongGil Shin, Feb. 2012