



Worsak Kanok-Nukulchai

Brief Biodata

Worsak Kanok-Nukulchai received his Ph.D. in Structural Engineering and Structural Mechanics from the **University of California at Berkeley** in 1978 as a **Fulbright Scholar**. He joined Asian Institute of Technology (AIT) and has been a Professor since 1987. In administration, he has served as the Dean of the School of Civil Engineering during 1998-2004, and is now serving **Dean of School of Engineering and Technology**.

He has extensive research experiences and published widely in Computational Mechanics for the last 25 years. In 1997 he was admitted as a **Royal Scholar** as member of the Royal Institute of Thailand. In 1999, he was honored as “**National Distinguished Researcher of the Year**” by Thailand’s National Research Council. Internationally, he was awarded “Fellow of the International Association of Computational Mechanics (IACM)”

Professor Worsak's research in the early days focused on finite element modeling of large deformation plates and shells, time integration methods, contact and impact problems, nonlinear solution techniques as well as the numerical aspects of dynamic problems. He was also interested in finite element software development especially under personal computer environment. His current interest is given to meshfree methods based on Kriging Interpolation. The use of Kriging Interpolation in conjunction with layered domains of influence helps extend the power of finite element beyond its limits. This results in smooth and very accurate solution for both displacement and stress fields.