



## Nathan M. Newmark

Faculty Member, Department of Civil Engineering, 1934-81  
Head, Department of Civil Engineering, 1956-73  
Chairman, Digital Computer Laboratory, 1947-57

*National leader in Civil Engineering education and research, and prominent consulting engineer*

*Fields of technical endeavor: structural engineering, engineering mechanics, numerical methods, materials, structural and soil dynamics, and earthquake engineering*

*Born: Plainfield, NJ, September 22, 1910*

*Died: Urbana, IL, January 25, 1981*

*Education: Rutgers University, BS, 1930  
University of Illinois, MS and  
PhD, 1932 and 1934, respectively*

*Founding Member, National Academy of  
Engineering, 1964*

*Member, National Academy of Sciences, 1966*

*Recipient of the National Medal of Science, 1968*

*Awarded honorary doctorates by Rutgers  
University, the University of Leige, the University  
of Notre Dame, and the National Civil Engineering  
Laboratory of Lisbon*

*Recipient of the Washington Award*

*Honorary member of the American Society of  
Civil Engineers*

*Recipient of five major national awards of ASCE,  
as well as numerous other awards and honors*



*Newmark Civil  
Engineering Laboratory*

The University of Illinois at Urbana-Champaign  
Department of Civil and Environmental Engineering  
presents

The 2014-15

# Newmark Distinguished Lecture



## Ole Sigmund

Professor  
Mechanical Engineering  
Technical University of Denmark

## Topology Optimization: State of the Art and Future Perspectives

Monday, October 27, 2014

4:00 – 5:00 pm

NCSA Auditorium

### *Latino-Americana Tower in Mexico City*

*Seismic design by  
Nathan M. Newmark*

Newmark served as the earthquake design consultant on the forty-three story Latino-Americana Tower in Mexico City. A plaque is mounted on that building, which withstood strong earthquakes in 1957 and 1985 without damage, attesting to his design accomplishment.

Reception to meet Ole Sigmund from 5:00 – 6:00 pm in the NCSA Lobby