

2014 Sigma Xi Monie A. Ferst Award Symposium

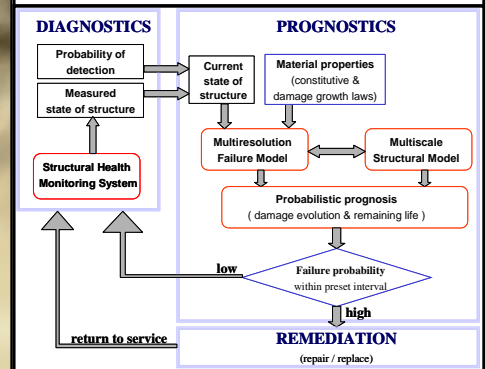
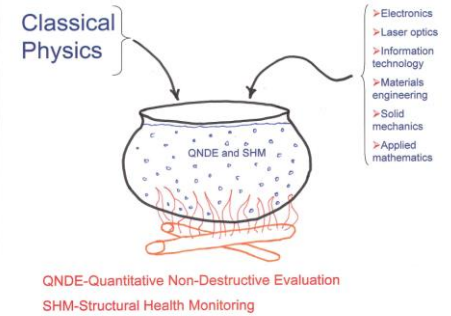
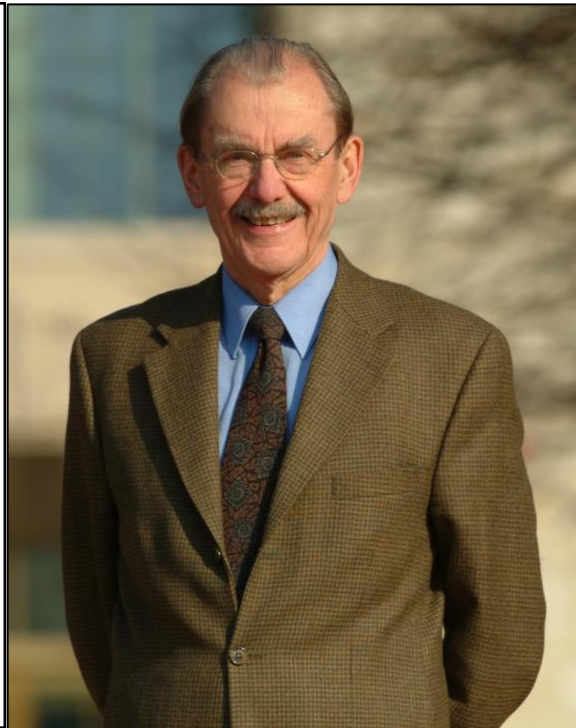
Wave Motion in Its Variety of Utilization



In honor of

Jan D. Achenbach

Walter P. Murphy and
Distinguished McCormick
School Professor Emeritus
of Civil and Environmental
Engineering, Engineering
Sciences and Applied
Mathematics, and
Mechanical Engineering,
Northwestern University



SPEAKERS

John Aldrin
Computational Tools
*"Lessons Learned in Quantitative
Nondestructive Evaluation Engineering"*

G. R. Liu
University of Cincinnati
*"Wave Propagation and Computational
Methods"*

John Popovics
University of Illinois at Urbana-Champaign
*"My Perspective on the Legacy and
influence of Jan Achenbach"*

Lou Brock
University of Kentucky
*"Insight into Crack and Contact Zone
Contours for 3D Problems"*

Yozo Mikata
Bechtel Corporation
*Peridynamic Studies on Wave Propagation
and Dispersion Curves"*

Jianmin Qu
Northwestern University
"Nonlinear Ultrasonic NDE"

Fu-Kuo Chang
Stanford University
"SHM for Aerospace Applications"

Andy Norris
Rutgers University
*"Acoustic Neutral inclusions, Transparency
and Causality"*

V. K. Varadan
University of Arkansas
*"Wireless Nanosensors and Smart Systems
for Neurological and Cardiac Disorders and
Diabetes: from Monitoring to Treatment
including Surgery"*

John Dempsey
Clarkson University
"Fracture of Arctic and Antarctic Sea Ice"

Ron Roberts
Iowa State University
*"Elastodynamic Measurement Models for
Industrial Inspection Design"*

C. H. Zhang
University of Siegen
*"Wave Propagation in Multi-field Coupled
Materials"*

Sohichi Hirose
Tokyo Institute of Technology
*"Recent Applications of Numerical Analysis to
Nondestructive Evaluation"*

C. T. Sun
Perdue University
"Recent Advances in Acoustic Metamaterials"

FRIDAY, OCTOBER 17, 2014 AT 8AM
GEORGIA INSTITUTE OF TECHNOLOGY, GEORGIA TECH HOTEL AND CONFERENCE CENTER, SALONS V AND VI
800 SPRING ST. NW, ATLANTA, GEORGIA 30308
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