

## OUTSTANDING PAPER AWARDS IN ME PAST RECIPIENTS

1993

“Ultrasonic Evaluation of Solid State Bonds”

- Peter B. Nagy
- Laszlo Adler

1994

“Defect Visualization in Carbon Fiber Composite Using Laser Ultrasound”

- Richard Dewhurst
- Ruhua He
- Qing Shan

1995 - No Recipient

1996

“Narrow-Band Hybrid Pulsed Laser/EMAT System for Inspection of Interior Surfaces”

- D. A. Oursler
- J. W. Wagner

1997

“Ultrasonic Measurement of Residual Stress in the Rims of Inductively Heated Railroad Wheels”

- Raymond E. Schramm
- Jacek Szelazek
- Van Clark, Jr.

1998

“Determination of Applied and Residual Stresses in Anisotropic Materials from Ultrasonic Velocity Measurement”

- D. Degtyar
- Anton I. Lavrentyev
- S. I. Rokhlin

1999

“A Novel Ultrasonic Method for Characterizing Microstructural Gradients in Tubular Structures”

- George Y. Baaklini
- James Bodis
- Dorothy Carney
- Richard Rauser
- Don Roth

## OUTSTANDING PAPER AWARDS IN ME PAST RECIPIENTS

2000 – No Recipient

2001 – No Recipient

2002

“Case Study for the Implementation of an Automated Ultrasonic Technique to Detect Fatigue Cracks in Aircraft Weepholes”

- John Aldrin
- Jan D. Achenbach
- Glenn Andrew
- Charlie P’an
- Bob Grills
- R. T. Mullis
- Floyd W. Spencer
- Matt Golis

2003

“Challenges in Integrating Nondestructive Testing and Finite Element Methods for Realistic Structural Analysis”

- Ali Abdul-Aziz
- George Y. Baaklini

2004

“Eddy Current Sensor Networks for Aircraft Fatigue Monitoring”

- Neil J. Goldfine
- Vladimir Zilberstein
- Andrew P. Washabaugh
- Darrell Schlicker
- Ian Shay
- David Grundy

2005

“Microwave Reflection Properties of Mortar Possessing a Cyclically Ingressed Sodium Chloride Profile”

- Kristen Muñoz
- Bharath Akuthota
- Eric Gallaher
- Reza Zoughi

## OUTSTANDING PAPER AWARDS IN ME PAST RECIPIENTS

### 2006

“Developing, Optimizing and Validating Automated Ultrasonic Procedures for Testing Heavy Walled Hydroprocessing Reactors”

- Mark G. Lozev
- Roger L. Spencer

### 2007

“More Accurate Localized Wire Rope Testing Based on Hall Sensor Array”

- Yinni Cao
- Donglai Zhang
- Chao Wang
- Dianguo Xu

### 2008

“Guided Wave Damage Detection Tomography for Structural Health Monitoring in Critical Zones of Pipelines”

- Luke J. Breon
- Jason K. Van Velsor
- Joseph L. Rose

### 2009

“Characterization of Manufacturing and Maintenance of Aerospace Composite Discontinuities Using Infrared Thermography”

- Pierre Servais
- Jason Habermehl
- Xavier Maldague
- Nathalie Gerlach
- Clemente Ibarra-Castanedo

2010 – No Recipient

### 2011

“Improving Guided Wave Testing of Pipelines with Mechanical Attachments”

- Hegeon Kwun
- Sang Kim
- Glenn Light

## OUTSTANDING PAPER AWARDS IN ME PAST RECIPIENTS

### 2012

“Terahertz Computed Tomography of NASA Thermal Protection System Foam Materials”

- Solimar Reyes-Rodriguez
- David Zimars
- Richard Rauser
- William Ussery

### 2013

“Use of Highly Nonlinear Solitary Waves in Nondestructive Testing”

- Xianglei Ni
- Piervincenzo Rizzo

### 2014

“Study of Degradation in Composite Lap Shear Joints Using Guided Wave Technique”

- Vijaya Kumar R L
- Ramachandra M. Bhat
- C. R. L. Murthy

### 2015

“Load-Enhanced Lamb Wave Techniques for Characterization of Scatterers in Structures with Complex Geometries”

- Dr. Xin Chen
- Dr. Thomas Michaels
- Dr. Jennifer Michaels

### 2016

"Effectiveness of Rejuvenators on Aged Asphalt Concrete using Ultrasonic Non-collinear Subsurface Wave Mixing"

- William G. Buttlar
- Nicholas Farace
- Megan E. McGovern
- Henrique Reis

### 2017

"Fractal Analysis Applied to Laser Spot Thermography"

- Pietro Evola
- Ambra Vandone
- Piervincenzo Rizzo