

OMAE Awards

OMAE CONFERENCE BEST PAPER AWARD

2015

Offshore Technology Symposium, OMAE2014-24531, "Design Aspects of Large Diameter Turret Systems - Part 1: Moonpool Sloshing" by Igor de Vries, Bernard Molin, Alexandre Barbagallo, Alexandre Cinello, Naciri Mamoun

Structures, Safety and Reliability Symposium, OMAE3014-23856, "Experimental Study on High Frequency Effect on Fatigue Strength of Welded Joints by Using Plate-Bending-Vibration Type Fatigue Testing Machines" by Naoki Osawa, Tetsuya Nakamura, Norio Yamamoto, and Junji Sawamura

Pipeline and Riser Technology Symposium, OMAE2014-23577, "Wrinkling and Collapse of Girth-Welded Lined Pipe under Bending" by Lin Yuan Stelios Kyriakides

Ocean Engineering Symposium, OMAE2014-23949, "Application of Focusing Wave Groups in Model Testing Practice" by Christian Schmittner, Janou Hennig and Joris Brouwer

Polar and Arctic Science and Technology Symposium, OMAE2014-24011, "Ice Model Tests With a Compliant Cylindrical Structure to Investigate Ice-Induced Vibrations" by Gesa Ziemer and Karl Ulrich Evers

CFD and VIV Symposium, OMAE2014-24462, "Effects and Strake Coverage and Marine Growth on Flexible Cylinder VIV" by Themistocles Resvanis, Zhibiao Rao, and J. Kim Vandiver

Ocean Renewable Energy Symposium, OMAE2014-24175, "Hydrodynamic Module Coupling in the Offshore Wind Energy Simulation (OWENS) Toolkit" by Matthew J. Fowler, Brian C. Owens, John Hurtado, Diana Bull, D. Todd Griffith, Andrew J. Goupee and Marco Alves

Petroleum Technology Symposium, OMAE2014-24313, "Combination of Petroleum Correlations and Drift-Flux Approaches: A New Model for Two Phase Flow Pressure Gradient Calculation for Horizontal and Slightly Inclined Upward Flowlines" by Rinaldo A.M. Vieira and Artur P. Garcia

2014

Offshore Technology Symposium, OMAE2013-11004 "A Comparison of Different Approximations for Computation of Second Order Roll Motions for a FLNG" by Flavia C. Rezende, Allan C. de Oliveira, Xiao-bo Chen and Fabio Menezes

Structures, Safety and Reliability Symposium, OMAE2013-11277 "Damage and Failure in an X65 Steel Pipeline Caused by Trawl Gear Impact" by Martin Kristoffersen, Tore Børvik, Magnus Langseth, Håvar Ilstad, Erik Levold and Odd Sture Hopperstad

Material Technology Symposium, OMAE2013-10980 "Fatigue Crack Propagation under Bi-axial Tensile Loading - Effect of the phase difference on bi-axial tensile loading" by Koji Gotoh, Toshio Niwa, Yosuke Anai, Tetsuya Omori, Yoshihisa Tanaka and Koji Murakami

Pipeline and Riser Technology Symposium, OMAE2013-10891 "Flexible Riser Response Induced by Combined Slug Flow and Wave Loads" by Arturo Ortega, Ausberto Rivera and Carl M. Larsen

Ocean Engineering Symposium, OMAE2013-11445 "New Methods and Insights in Advanced and Realistic Basin Wave Modelling" by Christian Schmittner, Jule Scharnke, Willemijn Pauw, Joris van den Berg and Janou Hennig

Polar and Arctic Science and Technology Symposium, OMAE2013-11070 "Fracture and Damage during Dynamic Interactions between Ice and Compliant Structures at Laboratory Scale" by Rocky Taylor, Tom Browne, Ian Jordaan and Arne Gürtner

CFD and VIV Symposium, OMAE2013-10951 "Tandem Riser Hydrodynamic Tests at Prototype Reynolds Number" by Yiannis Constantinides, Kamaldev Raghavan, Metin Karayaka and Don Spencer

Ocean Renewable Energy Symposium, OMAE2013-11047 "Irregular Nonlinear Wave Simulation and Associated Loads on offshore Wind Turbines" by Enzo Marino, Hieu Huy Nguyen, Claudio Lugin, Lance Manuel and Claudio Borri

Petroleum Technology Symposium, OMAE 2013-10448 "Effect of Drillstring Deflection and Rotary Speed on Annular Frictional Pressure Losses" by Oney Erge, Evren M. Ozbayoglu, Stefan Z. Miska, Mengjiao Yu, Nicholas E. Takach, Arild Saasen and Roland May

Odd M. Faltinsen Honoring Symposium on Marine Hydrodynamics, OMAE2013-11324 "A Classification of Shallow Water Resonant Sloshing in a Rectangular Tank" by Benjamin Bouscasse, Matteo Antuono, Andrea Colagrossi and Claudio Lugni

Past Recipients include:

2013

Ocean Engineering Symposium, OMAE2012-83588 "N-Wave Runup Statistics at Surf Zone Using Boussinesq-Type Model" by Jack Mao Chen, Dongfang Liang and Rupal Rana

Offshore Technology Symposium, OMAE2012-83392 "Development of Fixed Hydrodynamic Lifting Surfaces to Stabilise Anchoring Structures in Energetic Tidal Flows" by Samuel F. Harding and Ian G. Bryden

Polar and Arctic Science and Technology Symposium, OMAE2012-83430 "Numerical Simulation of a Floater in a Broken-ice Field Part II: Comparative Study of Physics Engines" by Ivan Metrikin, Andrey Borzov, Raed Lubbad and Sveinung Løset

Pipeline & Riser Technology Symposium, OMAE 2012-83397 "X-Ray Diffraction Study Of Microstructural Changes During Fatigue Damage In Steel Pipelines" by Bianca Pinheiro, Jacky Lesage, Ilson Pasqualino, Noureddine Benseddiq and Edoardo Bemporad

Structures, Safety and Reliability Symposium, OMAE2012-83078 "Development of a Relationship Between Residual Ultimate Longitudinal Strength Versus Grounding Damage Index Diagram for Container Ships" by Do Kyun Kim, Han Byul Kim, Xiaoming Zhang, Preben Terndrup Pedersen, Min Soo Kim and Jeom Kee Paik

Ocean Renewable Energy Symposium, OMAE2012-83331 "Prediction of Sheet Cavitation on Marine Current Turbines with a Boundary Element Method" by João Baltazar and José Falcão de Campos

CFD and VIV Symposium, OMAE2012-83108 "Virtual Testing for Resistance, Wind and Current Loads on a Supply Boat" by Daniel F. C. Silva

Materials Technology Symposium, OMAE2012-83898 "Full Scale Sour Fatigue Testing with Dense Phase Gases" by Pedro Vargas, Ben Crowder, Weiwei Yu, Sam Mishael and Keith Armstrong

2011

OMA2011-49048 "Space-Time Extremes in Sea Storms" by Francesco Fedele, Felice Arena and M. Aziz Tayfun

OMA2011-49400 "Flowlines and Risers Pipes Ends Laser Measurement for Enhanced Girth Welds Manufacturing and Fatigue Behavior" by Lorenzo Motta, Paolo Novelli, Phillippe Darcis, Federico Tintori and Mariano Armengol

OMA2011-49872 "Kelvin Ship Wake in the Wind Waves Field and on the Finite Sea Depth" by Ray Yeng Yang, Igor Shugan and Ming-Chung Fang

OMAE2011-49380 "Ice Model Testing of Structures with a Downward Breaking Cone at the Waterline JIP: Presentation, Set-Up and Objectives" by Per Kristian Bruun, Arne Gürtner, Arild Sigurdson, Ted Kokkinis, Guido Kuiper, Sveinung Løset, and Henrik Hannus

OMAE2011-50145 "VIV Prediction of a Truss Spar Pull-Tube Array Using CFD by Yiannis Constantinides, Weiwei Yu and Samuel Holmes

OMAE2011-50072 "Long-Term Reliability Analysis of a Spar Buoy-Supported Floating Offshore Wind Turbine" by Abhinav Sultania and Lance Manuel

2010

Offshore Technology Symposium: OMAE2010-21156 : "An Advanced Test Method to Determine Viscous Damping of Floating Structures", by Zhenjia (Jerry) Huang

Structures, Safety and Reliability Symposium: OMAE2010-21179 "Efficient reliability analysis of structural systems with a high number of limit states" by Arvid Naess, Bernt J. Leira and Alex Batsevych

Material Symposium: OMAE2010-20705: "The effect of cyclic loading on Corrosion-Fatigue Crack-growth in High Strength Riser Material", by Stephen J. Hudak Jr., James H. Feiger and Jason A. Patton

Pipeline and Riser Technology Symposium: OMAE2010-20352: "Comparison between theoretical and experimental flexible pipe bending stresses" by Svein Saevik

Ocean Renewable Energy Symposium: OMAE20237: "Numerical Investigation for Air Cavity Formation During the High Speed Water Entry of Wedges" by Jingbo Wang

Polar and Arctic Sciences and Technology Symposium:

OMAE2010-20036: "Static and Dynamic Ice Actions in the Light of New Design Codes" by Morten Bjerksås, Arne Alberktsen, Arne Gürtner

Ocean Engineering Symposium: OMAE20237 "Numerical Investigation for Air Cavity Formation During the High Speed Water Entry of Wedges" by Jingbo Wang

Alaa E. Mansour Symposium: OMAE2010-20483: "Preliminary concept and feasibility studies on ocean energy device design from used ships" by D. Mukherjee and A. E. Mansour.

2009

Offshore Technology Symposium: OMAE2009-79413 On the Application of Advanced Wave Analysis in Shallow Water Model Testing (Wave Splitting), by Olaf Waals

Structures, Safety and Reliability Symposium: OMAE2009-79466 Bias and uncertainty in the estimation of extreme wave heights and crests, by Richard Gibson, Colin Grant, George Forristall, Rory Smyth, Peter Owrld,

Øistein Hagen and Ian Leggett

Material Symposium: OMAE 2009-79631 Simulation of Ductile Tearing at Large Strains of Biaxially Loaded Pipes, by Jacob Dybwad, Rikard Tornqvist, Erling Østby and Christian Thaulow

Pipeline and Riser Technology: OMAE2009-79754 Progressive Wrinkling and Collapse of Pipes Due to Axial Cycling, by Rong Jiao and Stelios Kyriakides

Ocean Renewable Energy Symposium: OMAE2009-80087 Hydroelastic Response of Wind or Tidal Turbines, by Yin Lu (Julie) Young, Michael R. Motley and Ronald W. Yeung

CFD and VIV Symposium: OMAE2009-79150 Prediction of VIV Response of a Flexible Cylinder by Coupling a Viscous Flow Solver and a Beam Finite Element Solver, by Juan Pablo Pontaza and Raghu Menon

Polar and Arctic Sciences and Technology Symposium: OMAE2009-79139 Shoulder Ice Barrier Ice Tank Testing Part I: Qualitative Description of a Shoulder Ice Barrier – Ice Interaction During Model Tests, by Ada Repetto-Llamazares, Arne Gürtner, Ove T. Gudmestad and Knut V. Høyland

Offshore Geotechnic Symposium: OMAE2009-79125 Modelling the Installation of Stiffened Caissons into Overconsolidated Clay, by Zachary Westgate, Laith Tapper, Barry Lehane and Christophe Gaudin

Ocean Space Utilization Symposium: OMAE2009-79089 Theoretical and Experimental Study on a Porous Cylinder Floating in Waves, by Fenfang Zhao, Takeshi Kinoshita, Weiguang Bao and Hiroshi Itakura

Ocean Engineering Symposium: OMAE2009-79613 An Experimental Investigation of Wave Impacts on the Deck of a Gravity Based Structure, by Jannicke Roos, Chris Swan, Sverre Haver and Ove T. Gudmestad

2008

Polar and Arctic Sciences and Technology Symposium: OMAE2008 57915, "Innovative ice protection for shallow water drilling Part III: finite element modelling of ice rubble accumulation" by Arne Gürtner, Ibrahim Konuk, Ove Tobias Gudmestad and Pavel Liferov.

Ocean Engineering Symposium: OMAE2008 57746 The Effects of Fish Cages on Ambient Currents, by Lars C. Gansel, Thomas A. McClimans and Dag Myrhaug.

Material Technology Symposium: OMAE2008 57545 High cycle and low cycle fatigue resistance of girth welds in sour service, by Jaime Buitrago, Stephen Hudak and David Baxter .

Pipeline and Riser Technology Symposium: OMAE2008 57836 Stress concentration factors of longitudinal and transverse plain dents on steel pipelines, by Bianca C. Pinheiro and Ilson P. Pasqualino.

Ocean Renewable Energy Symposium: OMAE2008 57667 The Effect of Boundary Proximity Upon the Wake Structure of Horizontal Axis Marine Current Turbines, by A.S. Bahaj, L. E. Myers, R.I. Rawlinson Smith and M. Thompson.

Offshore Technology Symposium: OMAE2008 57264 Effect of Moonpool Hydrodynamics on Spar Heave, by Himanshu Gupta, Robert Blevins and Hugh Banon.

Structures, Safety and Reliability Symposium: OMAE2008 57131 Modeling the Seasonality of Extreme Waves in the Gulf of Mexico, by Philip Jonathan and Kevin Ewans.

OMAE SUBRATA CHAKRABATI YOUNG LECTURER AWARD

This award, given, in commemoration of our distinguished colleague, is to be given each year at the OMAE conference and is aimed at recognizing a young professional who has presented an outstanding paper in Subrata's original symposium. The award recognizes both the originality and technical merit of the manuscript and the delivery of the presentation.

2015 - Gesa Ziemer, for her outstanding presentation and paper OMAE2014-24011, "Ice Model Tests with a Compliant Cylindrical Structure to Investigate Ice-Induced Vibrations"

The previous recipients of the award are:

2014 - Nathan Tom, for his outstanding presentation and paper OMAE2013-11247, "Non-Linear Model Predictive Control Applied to a Generic Ocean-Wave Energy Extractor"

2013 - Joerik Minnebo, for his outstanding presentation and paper OMAE2012-83633, "Response-based analysis of FPSO systems for squall loadings"

2012 - Tore Jacobsen for his outstanding paper, OMAE2011-49227 "Submerged Towing" performed by a Monohull Vessel

2011 - Vinicius Matos: OMAE 2010, Shanghai, For his outstanding presentation and paper: "OMA2010-20898: 2nd Order Pitch and Roll Slow Motions of a Semi-Submersible Platform: Full Scale Measurements and Theoretical Predictions Comparative Study".

OMAE CONFERENCE SPECIAL APPRECIATION/SERVICE AWARD

In grateful appreciation for your role and valued services in organizing the OMAE Conferences.

2015

Wei Qiu
Charles E. Smith
Mehernosh Irani
Anil Sablok
Alexander V. Babanin
Enrico Torselletti
Santiago Serebrinsky
Yuriy Drobyshevski
Luis Eca
Erin Bachynski
Bernt Aadnoy
Rocky Taylor
Freeman Ralph

2014

Ronald W. Yeung
Dominique Roddier
Owen Oakely

Charlotte van de Kerk
Marcelo Martins Ramos
Xavier Ficquet
Duane DeGeer
Soren Ehlers
Halvor Lie
Ergun Kuru
Kirsi Tikka
Jan Otto de Kat

2013

Jon Mikkelsen
Pierre Ferrant
Ian Jordaan
Lance Manuel
Agnes Marie Horn
Alexandre N. Simos Andrew Wojtanowicz Solomon Yim
Jonas Ringsberg

Past Recipients include:

2012

Hans Cozijn
Ove. T. Gudmestad Gus Jeans
Murilo Vaz Koji Gotoh
Manolis Samuelides

2011

Dr. Bas Buchner Prof. Ron Riggs
Prof. Rene Huijsmans
Dr. Jaap-Harm Westhuis
Dr. AS Murthy Chitrapu
Dr. Alexander Stacey
Dr. Gerhard Ersdal
Dr. Murilo A. Vaz
Dr. Paulo Mauricio Videiro Dr. Mamoun Naciri

2010

Prof. Gang Chen
Prof. Jianmin Yang
Dr. Xiaozhi (Christina) Wang
Prof. Jeffrey Falzarano
Prof. Daniel Valentine
Prof. Jeom Kee Paik
Dr. Anil K. Thayamballi
Prof. Ronald W. Yeung
Prof. Sergio H. Sphaier
Dr. Christian E. Schmittner

2009

H. Ronald Riggs
Dr. Dominique Roddier
Dr. Zeki Demirbilek

2008

Professor Bernt J. Leira
Professor John Niedzwecki
Mr. Hugh Thompson
Mr. Jaime Buitrago
Dr. Inge Lotsberg
Dr. Alexander Stacey
Professor Dong-Sheng Jeng
Dr. Kostas A. Belibassakis
Ms. Fátima Pina

OMAE CONFERENCE INDUSTRY LEADERSHIP SERVICE/AWARD

Past Recipients include:

2004

George Z. Forristall, in recognition of his contributions to met-ocean models and criteria with significant industrial relevance.

OMAE CONFERENCE INDUSTRY ACHIEVEMENT AWARD**2014**

Bas Buchner, in recognition of significant contributions to the technological advancement of the offshore industry through his leadership in MARIN.

Past recipients include:

2013 Philippe de PANAFIEU

2012 Carlos Tadeu da Costa Fraga

2009 Mamdouh Salama

2008 Jose Rodriques