

American Nuclear Society 2012 Honors & Awards Recipients



**2012 ANS Winter Meeting and
Nuclear Technology Expo**
Town & Country Hotel & Resort
San Diego, CA
November 11 - 15, 2012

“Future Nuclear Technologies: Resilience and Flexibility”

8:00 a.m. – 11:30 a.m.

Golden Ballroom

Program

Opening Remarks & Welcome Michael L. Corradini, President

Presentation of new ANS Fellows

Presentation of National Awards: Paul J. Turinsky, Chair
Honors and Awards Committee

Landis Public Communication & Education Award

Mary Jane Oestmann Professional
Women’s Achievement Award

Seaborg Medal

Robert L. Long Training Excellence Award

Thermal Hydraulics Division Technical Achievement Award

Theo J. “Tommy” Thompson Award

Young Members Advancement Award

Young Member Excellence Award

Verbal Recognition:

Standards Service Award

Presidential Citation Michael L. Corradini

Introduction of Speakers Per F. Peterson, General Chair
2012 ANS Winter Meeting

- Pete Dietrich (SCE)
- Commissioner George Apostolakis (NRC)
- Marv Fertel (NEI)
- Christine King (EPRI)
- Cheri Collins (Southern Company)

Closing Remarks

**“Ten Years Since the Generation IV Roadmap:
Progress and Future Directions for New Reactor Technologies”**

4:00 p.m. – 6:00 p.m.

Golden Ballroom

Program

Opening Remarks & Welcome Michael L. Corradini, President

Presentation of Awards:

Presidential Citations

Local Sections Meritorious Awards

Mark Mills Award

Verbal Recognition:

Student Design Competition Finalists

Introduction of Speakers:

- William Magwood (NRC)
- Jacques Bouchard (former Chair, Gen IV Int’l Forum)
- Christophe Behar (CEA, Vice-Chair of the GIF)
- Yutaka Sagayama (Japan Ministry of Education, Culture, Sports, Science & Technology, Vice Chair of the GIF)

Closing Remarks



Audeen W. Fentiman

Professor of Nuclear Engineering and Associate Dean of Engineering, Purdue University

For her pioneering national leadership in nuclear education and outstanding technical achievements in nuclear safety, waste management, and national nuclear security.

**Bojan Petrovic**

Professor, Georgia Institute of Technology

For his original and significant contributions to advancing nuclear technology, including innovative design of Small Modular Reactors, investigation of advanced fuel cycles, and development of efficient and accurate methodologies for numerical simulation of nuclear systems using advanced deterministic and Monte Carlo transport theory methods.

**John C. Wagner**

Group Leader - Design, Safety and Simulation Integration Oak Ridge National Laboratory

For his development and demonstration of hybrid deterministic - Monte Carlo methodologies that have enabled a transformational approach for consistent, accurate, and efficient Monte Carlo solution of the Boltzmann radiation transport equation, even over the full spatial domain of very large and complex problems.

**Toshikazu Takeda**

Director, Specially Appointed Professor Research Institute of Nuclear Engineering, University of Fukui

For his pioneering contributions to development of advanced methodologies and codes for application to reactor physics of current and next-generation fast reactors including cross-section generation, cell homogenization, uncertainties estimation, 3-D transport algorithms, 3-D transport benchmarks, and formulation of uncertainty propagation in the Monte Carlo depletion.

**X. George Xu**

Professor and Head, Nuclear Engineering Program Rensselaer Polytechnic Institute

For his ground-breaking research and technical leadership - in computational phantoms and Monte Carlo simulation methods for nuclear engineering, health physics and medical physics problems - that resulted in significant advancements in the field of radiation dosimetry and that impacted practices in radiation protection, imaging and radiotherapy both nationally and internationally.



This award recognizes an individual for outstanding efforts, dedication, and accomplishment in furthering public education and understanding of the peaceful applications of nuclear technology.

presented to

Candace Davison

*Research & Education
Specialist/Supervisor Reactor
Operations; Coordinator of Gamma
Irradiation Facility,
Pennsylvania State University*



For her significant contributions to nuclear public outreach and education, especially in leading the ANS Public Information Committee, responding to Fukushima, and establishing robust communications programs.

Previous Recipients:

- | | | | |
|------|----------------------|------|---------------------------|
| 1983 | Robert M. Jefferson | 1999 | Fredric C. Olds |
| 1984 | Bernard L. Cohen | 2000 | Gerald Woodcock |
| 1985 | Michael R. Fox | | |
| 1986 | John W. McKlveen | 2002 | Rosa Marina Bilbao y Leon |
| 1987 | Michael D. McCormick | 2003 | Eric P. Loewen |
| | Lynn R. Wallis | 2004 | Alan E. Waltar |
| 1988 | Wanda I. Munn | 2005 | Garry A. Harris |
| 1989 | Philip A. Anderson | 2009 | Lisa M. Marshall |
| 1990 | Helen Hubbard | 2010 | Denis E. Beller |
| 1991 | Sara A. Morabito | | |
| 1992 | Robert L. Skinner | | |
| 1993 | Robert D. Broom | | |
| 1994 | James L. Acord | | |
| 1995 | Eugene N. Cramer | | |
| 1996 | Bobby R. Seidel | | |
| 1998 | Robert E. Schenter | | |
| | Donald H. Williams | | |

This award recognizes outstanding personal dedication and technical achievement by a woman in the fields of nuclear science, engineering, research or education.

presented to

Susana Reyes

*Licensing and Fuel Processing Systems
Lead, Life Project,
Lawrence Livermore National
Laboratory*



For her leadership in developing detailed hazard and safety analysis for both inertial and magnetic fusion facilities, including NIF and ITER, and future power reactors.

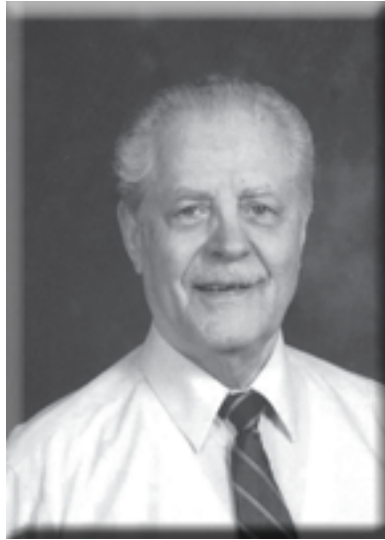
Previous Recipients:

- | | |
|------|-----------------------|
| 1991 | Bernice E. Paige |
| 1992 | Jeanne K. Krieger |
| 1993 | Vicki M. Bier |
| 1994 | Laural L. Briggs |
| 1995 | Kimberlee J. Kearfott |
| 1996 | Colette Lewiner |
| 1998 | Bernadette L. Kirk |
| | Martine Griffon-Fouco |
| 1999 | C. Ruth Kempf |
| 2000 | Kathryn A. McCarthy |
| 2001 | Pat Jupiter |
| 2002 | Beverly A. Cook |
| 2003 | Lisa R. Vickers |
| 2006 | Nancy M. Larson |
| 2007 | Monica C. Regalbuto |
| 2008 | Susan Hoxie-Key |
| 2009 | Donna Jacobs |
| 2010 | Sue Coleman |
| 2011 | Sama Bilbao y Leon |

This award recognizes an individual who has made outstanding scientific or engineering research contributions to the development of peaceful uses of nuclear energy.

presented to

Terry Kammash
*Professor Emeritus,
University of Michigan*



For his pioneering contributions in the development, advocacy, and peaceful use of nuclear fission and fusion technologies for terrestrial and space applications.

Previous Recipients:

1984 Glenn T. Seaborg
1985 Manson Benedict
1986 Robert Avery
1987 David Okrent
1988 Leo Yaffe
1989 Henry Hurwitz, Jr.
1990 Yoshitugu Mishima
1992 Richard T. Lahey, Jr.
1995 Garman Harbottle
1996 H. Peter Planchon
1998 Seymour Katcoff
2000 Dan G. Cacuci
2001 Weston M. Stacey
2002 John J. Dorning
2003 Bal Raj Sehgal
2004 Siegfried S. Hecker
2005 Robert C. Block
2006 William T. Sha
2007 Saed Mirzadeh
2008 Yassin A. Hassan

This award recognizes an individual or group who has demonstrated sustained excellence in nuclear training.

presented to

Ronald Allen Knief
*Nuclear Engineer and Principal
Member of Technical Staff,
Sandia National Laboratories*



For his pioneering contributions as professor, manager, author, consultant, and ardent accident-lesson advocate in blending performance based training and education for the benefit of the nuclear enterprise.

Previous Recipients:

2010 Ronald J. Bruno
Arthur H. Friedman
Timothy McGhee
Renee C. Milner
John Steiner
Peter Tocci, Jr.
Ann D. Winters

2011 John Gutteridge



This award established in 1984 by the Thermal Hydraulics Division (THD) recognizes outstanding past or current technical achievement.

presented to

John C. Luxat, *Professor, McMaster University* & **Hisashi Ninokata**, *Professor, Politecnico Di Milano*

In recognition of their exceptional contributions to the understanding of thermal hydraulics phenomena of significance to advanced nuclear reactors and for their impact on the thermal hydraulics community as researchers, educators, and leaders.



John C. Luxat - 2011



Hisashi Ninokata - 2012

Previous Recipients:

- 1985 R. T. Lahey, Jr.
- 1986 Long Sun Tong
- 1987 Salomon Levy
- 1988 Sanjoy Banerjee
- 1989 Mamoru Ishii
- 1990 Novak Zuber
- 1991 Hans K. Fauske
- 1992 Yih Yun Hsu (Y.Y.)
- 1993 Herbert S. Isbin
- 1994 Neil E. Todreas
- 1995 Virgil E. Schrock
- 1996 Theofanis G. Theofanous (Theo)

- 1997 George Yadigaroglu
- 1998 Wolfgang Wulff
- 1999 Victor H. Ransom
- 2000 Bal Raj Segal
- 2001 Michael Corradini
- 2002 Jean-Marc Delhaye
- 2003 Soon Heung Chang
- 2004 Yassin A. Hassan
- 2005 Vijay K. Dhir
William T. Sha
- 2006 Fan-Bill Cheung
- 2007 Jong H. Kim
- 2008 Lawrence E. Hochreiter
- 2009 Mujid S. Kazimi
- 2010 Per F. Peterson

This award was established by the Nuclear Installations Safety Division (NISD) as a memorial to the late Theos J. "Tommy" Thompson in recognition of his significant contributions to nuclear reactor safety. The award is made to individuals selected by the NISD Honors and Awards Committee to recognize outstanding contributions to the field of nuclear reactor safety.

presented to

William E. Vesely
Manager, Technical Risk Assessment, NASA

For establishing PSA as an acceptable nuclear facility licensing and life extension tool.



Previous Recipients:

- | | |
|----------------------------|----------------------------|
| 1980 David Okrent | 1997 Bertram Wolfe |
| 1981 Norman C. Rasmussen | 1998 Harold W. Lewis |
| 1982 Hans K. Fauske | 1999 George Aposolakis |
| 1983 Herbert J.C. Kouts | 2000 Annick Carnino |
| 1984 Frank Reginald Farmer | 2001 Bal Raj Sehgal |
| 1985 Robert E. Henry | 2002 Walter B. Loewenstein |
| 1986 Pierre Y. Tanguy | 2003 Robert A. Bari |
| 1987 Spencer H. Bush | 2004 Mario H. Fontana |
| 1988 Chauncey Starr | 2005 Robert J. Budnitz |
| 1989 Adolf Birkhofer | 2006 Joseph A. Murphy |
| 1990 Robert Avery | 2007 Dana A. Powers |
| 1991 Francois X. Cogne | 2008 Agustin Alonso |
| 1992 Thomas E. Murley | 2009 Shunsuke Kondo |
| 1993 Cordell Reed | 2010 David J. Diamond |
| 1994 Donald Hurst | 2011 Michael L. Corradini |
| 1995 Andre Gauvenet | |
| 1996 Herbert S. Isbin | |

Established by the Young Members Group (YMG) in 2007, this award recognizes an individual or group that has made a significant contribution towards integrating young members into ANS as a whole.

presented to

Thermal Hydraulics Division
American Nuclear Society



In recognition of their outstanding efforts in promoting participation of young members to the technical program of the society.

Previous Recipients:

2007 Nuclear Criticality Safety
Division

This award recognizes a young member who has demonstrated overall excellence in a variety of areas.

presented to

Elia Merzari
Nuclear Engineer,
Argonne National Laboratory

For his technical accomplishments, volunteer contributions to the Society, and dedication to expanding opportunities for young member involvement.

Previous Recipients:

2007 W. David Pointer
2009 A. Nichole Ellis
2010 Arielle Jennifer Miller



This award recognizes outstanding achievement by individuals in the generation and use of ANS standards in the field of nuclear science and engineering.

presented to

Patricia A. Schroeder
Standards Administrator;
American Nuclear Society

In recognition of eight years of exemplary service to the American Nuclear Society Standards Committees, in which she provided thorough and accurate administrative services that were critical to the efficient functioning of the many committees, the retention of ANSI accreditation for the Society, and sound management decisions.

This award was previously presented at an earlier ANS Standards Committee Meeting.

Previous Recipients:

1988 A. Dixon Callihan
Ralph G. Chalker
Miles C. Leverett
1989 Walter H. D'Ardenne
1990 James F. Mallay
1991 David K. Trubey
1992 J. Ed Smith
(posthumously)
1993 Joseph T. Thomas
1994 George L. Wessman
1995 Hugh K. Clark
1996 Tawfik M. Raby
1997 David R. Smith

Elizabeth Briggs Johnson
(posthumously)

In recognition of her pioneering work in the conduct of criticality experiments and the collection and dissemination of associated data and for significant contributions as a founding member, and quarter-century participant and secretary, in ANS's nuclear criticality safety standards program.

This award will be presented during the 2013 ANS Annual Meeting in Atlanta, GA.

1998 Marilyn D. Weber
1999 Dimitrios Cokinos
2000 William C. Hopkins
2001 Michael J. Wright
2002 Francis M. Alcorn
2003 Wade J. Richards
2004 Charles H. Moseley
2005 James F. Mallay
2006 Robert J. Budnitz
2007 William L. Whittemore
(posthumously)
2008 Donald J. Spellman
2009 Calvin M. Hopper
2010 Allen L. Camp
Thomas P. McLaughlin

This award recognizes individuals who have demonstrated outstanding effort in some manner for the benefit of the American Nuclear Society and/or the nuclear community.

Dr. Salomon Levy
Owner;
Levy & Associates

For over 50 years of outstanding leadership in the design and safety analysis of nuclear reactor systems.

James O. Ellis, Jr.
(RET) President and CEO,
Institute of Nuclear Power Operations

In recognition of his service at the Institute of Nuclear Power Operation (INPO) from 2005 to 2012. Under Jim's leadership, INPO's relentless commitment to excellence in every aspect of the nuclear power enterprise has ensured continued safe and reliable operation of the U.S. nuclear power plant fleet.

William D. Magwood, IV
Commissioner
Nuclear Regulatory Commission

&

Jacques Bouchard
Former Chair;
Gen IV International Forum

For their visionary creation of the Generation IV International Forum, which provided the framework for international collaboration to develop sustainable, economically competitive, safe, and secure nuclear energy technologies.



To recognize and honor outstanding local sections' activities and achievements

BEST MEMBERSHIP - Small
Northeastern New York Local Section

BEST MEETINGS & PROGRAMS – Small
BEST SECTION MANAGEMENT - Small
Connecticut Local Section

BEST PUBLIC INFORMATION – Small
Trinity Local Section

BEST MEETINGS & PROGRAMS – Large
Savannah River Local Section

BEST PUBLIC INFORMATION – Large
BEST MEMBERSHIP - Large
BEST SECTION MANAGEMENT - Large
Idaho Local Section



This award recognizes the important contributions of the late Mark Mills to nuclear science and engineering. It is awarded to the graduate student author who submits the best original technical paper contributing to the advancement of science and engineering related to the atomic nucleus.

presented to

Kyoung O. Lee
*Post Doctoral Research Associate,
 North Carolina State University*

For his work entitled
*Prediction of Pebble Motion in Pebble
 Bed Reactors Using Monte Carlo
 Molecular Dynamics Simulation.*



Previous Recipients:

1959	James A. Melcher	1986	Yousry Youssef Azmy
1960	John Edward Mock	1987	Rizwan-uddin
1961	Robert Albrecht	1988	David Norman Smithe
1962	Alfred L. Mowery, Jr.	1989	Medhat Wahba Mickael
1963	Gerald C. Pomraning	1990	Jaques Reifman
1964	Bruce W. Crawford	1991	Ricardo C. DeBarros
1965	Robert J. Gelinias	1992	Chad B. Carrico
1966	Dan R. Wilkins	1993	Susana Valenti
1967	John J. Dorning, Jr.	1994	David I. Poston
1968	James J. Duderstadt	1995	Jeffrey A. Favorite
1969	James N. Davidson	1996	Michael D. Mulheim
1970	Kingsley F. Graham	1997	Lianyan Liu
1971	Paul J. Turinsky	1998	Christopher L. Castrianni
1972	Chang Mu Kang	1999	Douglas E. Peplow
1973	M. Bradford Snyder	2000	Jonathan R.D. Earnhart
1974	George E. Apostolakis	2001	Jacopo Buongiorno
1975	Bjorn Frogner	2002	Micheal A. Smith
1976	Steven L. Salem	2003	Allen J. Toreja
1977	Gino Dilorio	2004	Weijun Guo
1978	David L. Galbraith	2005	Quan Zhou
1979	Richard D. Lawrence	2006	Xiaogang Han
1980	Robert Burke Campbell	2007	Libai Xu
1981	William C. Horak	2008	Massimiliano Rosa
1982	Mark L. Kantrowitz	2009	Alexey Soldatov
1983	Stanley K. Borowski	2010	Prashant K. Jain
1984	Ming-Yuan Hsiao	2011	Robert Joseph Zerr
1985	Jose March-Leuba		



This competition is intended to promote excellence in the design aspect of nuclear engineering education in the universities. These teams will make their presentations to the judges on Monday, November 12th, 2012 at 1:00 pm in the Pacific Salon 3 room. Winners will be announced at the conclusion of the session.

UNDERGRADUATE:**# 6456 - University of Wisconsin-Madison**

Badger Small Modular Reactor Technology: A Concept Reactor Design

Aidan Boyle, Mary Alice Cusentino, Matthew King, and Amanda Lang

Advisor: John Murphy

6492 - Texas A&M University

Trains Redesigned and Incorporating Nuclear Systems (TRAINS)

Christopher Chance, Steven Smiley, James Tutt, and Christopher Weber

Advisor: Pavel Tsvetkov

#6208 - Massachusetts Institute of Technology

Production of Biodiesel and Biogasoline via Coupling a LBE-cooled Reactor to Hydrogen and Biofuels Plants

Ruaridh R. MacDonald, Alex Salazar, Derek A. Sutherland, and Aditi Verma

Advisor: Michael P. Short

GRADUATE:**#6501 - Michigan**

Simulation of a Novel Active Interrogation System Using MCNPX

Steven Brown, Alexis Kaplan, and Joseph Karbowski

Advisor: Sara Pozzi

This Fellowship provides a stipend for the successful candidate to work in a Congressional office (either House or Senate) for a year, providing advice on science and engineering matters to a member of Congress and his or her staff. The purpose of the Fellowship is to bring a reasoned and knowledgeable view of nuclear matters to Congress, and to act as a science and engineering resource for Congress.

2013 ANS Congressional Fellow

Vincent J. Esposito

(RET) Vice President,

Asia Fuel Business,

Westinghouse Electric Company

Previous ANS Congressional Fellows:

2000	Joseph A. Green
2001	Howard C. Shaffer, III
2002	John F. Kotek
2003	Timothy E. Valentine
2004	Mario Robles, Jr.
2005	Eric P. Loewen
2006	Robert J. Finch
2007	David B. Barber
2009	Matthew D. Milazzo
2010	Sarah G. Leversee
2011	Erin Alexander
2012	Chad J. Boyer



This award recognizes the commercial nuclear power plant(s) that demonstrate outstanding achievements in performance.

presented to

North Anna Power Station Dominion Virginia Power

For sustained outstanding performance with a continued focus on safety, protecting the health and safety of the public, plant health assessments, communications with the public, and regulatory interaction with regard to the response to and the return to service following the 2011 Mineral, Virginia earthquake.

UTILITY LEADERSHIP AWARD

This award recognizes an individual who has demonstrated outstanding leadership and has contributed greatly to the success of the nuclear power industry.

presented to

Keith Moser

Exelon Corporation

In recognition of exemplary performance throughout his career in the nuclear industry for his achievements in the area of innovations and nuclear power plant improvement. Keith's innovations represent significant savings of radiation exposure and cost as well as significant plant performance improvement for U.S. and international nuclear power plants.



These awards were previously presented at the ANS Utility Working Conference, August 2012, Hollywood, Florida.

The Rockwell Lifetime Achievement Award is based on long-term or lifetime achievement in research, technology development, or education in the fields of radiation protection, shielding or dosimetry.

presented to

Richard E. Faw

*Professor,
Mechanical and Nuclear Engineering
Kansas State University*

For numerous contributions over the last 50 years to the practice of shielding, shielding analyses, skyshine methodology, the education of students through teaching and research, the training of professionals through short courses, the publication of textbooks and technical articles, the creation of standards, and service to the profession.



Previous Recipients:

- 1986 Theodore Rockwell
- 1987 Arthur B. Chilton
- 1989 Herbert Goldstein
- 1991 David K. Trubey
- 1995 Norman M. Schaeffer
- 1997 Wilbur L. Bunch
- 2004 Robert W. Roussin
- 2008 Enrico Sartori
- 2010 Nick Tsoufanidis

This award will be presented during the 2013 ANS Annual Meeting in Atlanta, GA.

The objective of the Alpha Nu Sigma Society is to recognize high scholarship, integrity, and potential achievement in applied nuclear science and nuclear engineering among outstanding students by means of membership in the Society.

The following individuals were inducted into the Alpha Nu Sigma Society since the 2012 ANS June Meeting:

THE UNITED STATES MILITARY ACADEMY

John Asbach
Robert Gryfinski
Christopher Malachosky
Kristian Schott
Matthew D. Verlie

OREGON STATE UNIVERSITY

Sean Belding
Ryne Burgess
Michelle Comolli
William Comolli
Elijah Dickson
Elizabeth Houser
Mark Lanza
Alex Long
Joseph Miller
Noel Nelson
Jonathan Redelfs
Robert Schickler
Paul Talbot
Russell Williford
Douglas Woods

SAMUEL GLASSTONE AWARD

This award recognizes ANS student sections that have accomplished notable achievements in public service and the advancement of nuclear science and engineering.

presented to

University of Wisconsin - Best Student Section

Rensselaer Polytechnic Institute - Honorable Mention

These awards were previously distributed to the Student Section Chairs.

A

Said I. Abdel-Khalik
Mohamed A. Abdou
I. K. Abu-Shumays
Cyrus H. Adams
Marvin L. Adams
Martyn G. Adamson
Edward A. Aitken
Robert W. Albrecht
Raymond E. Alcouffe
Tunc Aldemir
Don M. Alger
Rufard G. Alsmiller,
Jr.
H. Ward Alter
George E. Apostolakis
Joseph S. Armijo
Steven A. Arndt
W. Howard Arnold
Yousry Y. Azmy

B

Harry Babad
Albert L. Babb
J. Paul Bacca
Ahmed Badruzzaman
Charles C. Baker
Louis Baker, Jr.
Randal S. Baker
Russell M. Ball
Sanjoy Banerjee
Robert A. Bari
Seymour Baron
Bertrand R. Barre
Donald A. Becker
Martin Becker
Eric S. Beckjord
Arden L. Bement, Jr.
Harold Berger

John A. Bernard, Jr.
Theodore M.
Besmann
Frank Bevilacqua
J. Robert Beyster
Samit K.
Bhattacharyya
Stephen E. Binney
R. E. Blanco

C

Dan G. Cacuci
Jack R. Calhoun
James D. Callen
Max W. Carbon
Mario D. Carelli
Remy Louis Carle
Bengt G. Carlson
Annick Carnino
B. Stephen Carpenter
John M. Carpenter
Stuart G. Carpenter
Leland L. Carter
Ivan Catton
Ralph J. Cerbone
Soon Heung Chang
Yoon I. Chang
Yung-An Chao
Douglas M. Chapin
Robert A. Charpie
Amares Chatt
Fan-Bill Cheung
Virinder K. Chexal
Ren-Tai Chiang
Bryan Allen Chin
William Chittenden
Chong Chiu
Nam Zin Cho
KunMo T. Chung

Hugh K. Clark
Philip R. Clark
Thomas T. Claudson
E. Duane Clayton
Robert G. Cochran
Cecil O. Cogburn
E. Richard Cohen
Karl P. Cohen
Dimitrios Cokinos
William R. Corcoran
Noel R. Corngold
Michael L. Corradini
Carl M. Cox
John L. Crandall
Robert J. Creagan

D

Mario Dalle-Donne
Monte V. Davis
Stephen O. Dean
Deslonde
DeBoisblanc
L. Walter Deitrich
Jean-Marc Delhaye
John A. De Mastry
P.J. De Meester
Richard S. Denning
E. Gail de Planque
Robert W. Deutsch
Vijay K. Dhir
George E. Dials
David J. Diamond
Nils J. Diaz
Paul W. Dickson, Jr.
Felix C. Difilippo
Charles J. Divona
Gary E. Dix
Harold L. Dodds
John J. Dorning, Jr.



Thomas J. Downar
Michael J. Driscoll
Octave J. Du Temple
Donald J. Dudziak
Raymond W. Durante

E

Donald T. Eggen
Juan Eibenschutz
Geoffrey Eichholz
Robert E. Einziger
Charles M.
Eisenhauer
Mohamed S. El-Genk
M. M. El-Wakil
Thomas S. Elleman
Margaret B. Emmett
Eugene A. Eschbach
Ersel A. Evans

F

Hans K. Fauske
Richard E. Faw
Gianfranco Federici
Frank Feiner
Harry M. Ferrari
Royston H. Filby
Phillip J. Finck
Mario H. Fontana
Charles W. Forsberg
Harold K. Forsen
Norman C. Francis
Brian R. Frost
Edward D. Fuller
Ralph R. Fullwood

G

Barry D. Ganapol
Robin P. Gardner

B. John Garrick
A. J. Gauvenet
Robert J. Gehrke
Nasr M. Ghoniem
Michael W. Golay
Jerome H. Goldberg
Eli I. Goodman

Tsahi Gozani
J. Nelson Grace
John Graham
Glen A. Graves
Harvey W. Graves, Jr.
Robert R. Greenberg
Brian K. Grimes
Emmanuel Grison
Martin L. Grossbeck
Elias P. Gyftopoulos

H

Wolf Haeefe
Alireza Haghghat
Brian K. Hajek
William H. Hannum
Kent F. Hansen
Luisa F. Hansen
Otto K. Harling
William O. Harms
Donald R. Harris, Jr.
Yassin A. Hassan
Ahmad Hassanein
Stanley R. Hatcher
P. N. Haubenreich, Sr.
John S. Hendricks
Joseph M. Hendrie
Hans H. Hennies
Carl D. Henning
J. Steven Herring
David L. Hetrick
Takashi Hibiki

K. Hikido
David J. Hill
Calvin M. Hopper
Masao Hori
Jeffrey S. Horowitz

I

Daniel T. Ingersoll
Herbert Inhaber
Mamoru Ishii

J

Jeffrey D. E. Jeffries
Wayne H. Jens
Alfred A. Johnson
W. Reed Johnson
Barclay G. Jones
Alf I.R. Jonsson
Walter H. Jordan
Clyde P. Jupiter

K

Terry Kammash
Ratib A. Karam
William E.
Kastenberg
Walter Y. Kato
Alain J. Kavenoky
Mujid S. Kazimi
Charles N. Kelber
William Kerr
Guenther Kessler
Hussein Khalil
Munir A. Khan
Chang Hyo Kim
Jong H. Kim
J. Howard Kittel
Dale Klein
Daniel Klein

Edward H. Klevans
Ronald A. Knief
Glenn F. Knoll
Leonard J. Koch
Billy V. Koen
William E. Kreger
Thomas S. Kress
Frank E. Kruesi
Paul Kruger
Gerald L. Kulcinski
Jay F. Kunze

L

Richard T. Lahey
James J. Laidler
James A. Lake
Robert Lallement
John W. Landis
Sidney Langer
Edward W. Larsen
Kaye D. Lathrop
Harry Lawroski
Leo G. Le Sage
Luiz C. Leal
Joseph A. Leary
Pierre Lecocq
Chang Kun Lee
John C. Lee
Wayne K. Lehto
Witold P.S. Lepecki
Milton Levenson
Leon Leventhal
Alan E. Levin
Melvin M. Levine
Samuel H. Levine
Salomon Levy
Jeffery D. Lewins
Elmer E. Lewis
Kenneth D. Lewis

Michael J. Lineberry
Robert C. Little
Winston W. Little, Jr.
Walter B.
Loewenstein
Robert L. Long
Adolphus L. Lotts
Sudarshan K. Loyalka
Glen E. Lucas
Peter B. Lyons

M

John H. MacMillan
Fred Maisenschein
William D. Manly
Marvin M. Mann
Bernard Manowitz
Louis K. Mansur
Jose March-Leuba
Gail H. Marcus
Jair Marques
De Souza
William R. Martin
Edward A. Mason
Robert Bruce
Matthews
Walter J. Mc Carthy,
Jr.
Norman J.
McCormick
Jack L. McElroy
Harold F. McFarlane
James M. McKibben
Thomas P.
McLaughlin
Robert V.
Meghreblian
Gilbert B. Melese
David Meneghetti

Daniel A. Meneley
Andre F. Michaudon
John T. Mihalczo
George H. Miley
Don W. Miller
Warren F. Miller
William H. Miller
Mohammad Modarres
Dade W. Moeller
Ralph W. Moir
Michael S. Moore
Jim E. Morel
Karl Z. Morgan
David L. Morrison
Gregory A. Moses
Russell D. Mosteller
L. Manning Muntzing
Thomas E. Murley
Peter Murray
Raymond L. Murray
K. Linga Murty
Fred R. Mynatt

N

Farrokh Najmabadi
Randy K. Nanstad
Joseph A. Naser
Michael Natelson
Lawrence A. Neimark
Paul Nelson
Richard B. Nicholson
Richard E.
Nightingale
Jean-Louis Nigon
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