

2017

2017 *Opening Session
Program*

Sunday, March 26, 2017

Detroit Marriott at the Renaissance Center
Detroit, MI

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Opening Session and Keynote Presentation



Tom Flick
Keynote Speaker

The Opening Session & Keynote Presentation is the official start to The ACI Concrete Convention and Exposition and will begin with a welcome address by ACI President Michael Schneider. Next, the emcee for the night, George Seegebrecht, will recognize new Honorary Members, Fellows, and 50-Year Members for their contributions to the concrete industry. The Opening Session will conclude with a keynote presentation by Tom Flick. Flick will discuss his presentation titled "Leadership in a Faster-Moving World." Much more leadership, not just more management. Both are crucial, but the latter alone will not ensure success in an ever-changing highly competitive world. To capitalize on windows of opportunity, the name of the game is leadership, and not just from one executive. The catalyst for sustained high-level performance is leadership, from top-to-bottom, which empowers every individual. Create action that is exceptionally alert, externally oriented, and relentlessly aimed at winning. Produce results in people that you very much want, and the world very much needs.

Opening Reception & Awards Recognition

Celebrate all 2017 award winners during the Opening Reception & Awards Recognition Celebration, directly following the Opening Session on Sunday, March 26, 2017 from 7:00 p.m. to 8:00 p.m. in the H-Ontario Exhibit Hall.

Honorary Members

Honorary membership—
The Institute's highest honor recognizes persons "of eminence in the field of the Institute's interest, or one who has performed extraordinary meritorious service to the Institute."
(Bylaws, Article II, Section 2.)
Established in 1926, 243 have been elected to this position.

Honorary Members

"for his extensive contributions in teaching and research on concrete materials and design, and his many years of service on numerous ACI Committees and contributions toward the improvement of concrete design and construction"



David W. Fowler is a Distinguished Teaching Professor Emeritus and the Joe J. King Chair of Engineering No. 2 Emeritus at the University of Texas (UT) at Austin, Austin, TX. He retired in 2016 after 52 years, having published several hundred technical papers, reports, and proceedings. He has been recognized for his teaching with several college and university teaching awards and was a member of the UT Academy of Distinguished Teachers.

Fowler served on the ACI Board of Direction and was Chair of the ACI Foundation Concrete Research Council (CRC) and the Concrete Research Foundation. He served as Chair of ACI Committee 548, Polymers and Adhesives for Concrete, and E903, Convention Training. He is a past member of the ACI Committee on Nominations and ACI Committees 130, Sustainability of Concrete; 211, Proportioning Concrete Mixtures; 224, Cracking; 546, Repair of Concrete; and 551, Tilt-up Concrete Construction. Fowler received the 1985 ACI Delmar L. Bloem Distinguished Service Award and the 2003 ACI Foundation CRC Robert E. Philleo Award. His research focused on concrete polymer materials, concrete repair materials and techniques, bonded concrete overlays, aggregates in concrete, and surface friction of concrete pavements. He served as the Director of the International Center for Aggregates.

He helped organize and served as the first President of the International Congress on Polymers in Concrete. Fowler was among the first non-Russians to be named an Honorary Member of the Russian Academy of Engineering in 1992. He was elected to the National Academy of Engineering in 1998. He is a Fellow of ACI, the American Society of Civil Engineers (ASCE), and the Architectural Engineering Institute (AEI).

Fowler received his BS and MS in architectural engineering in 1960 and 1962 from UT, and his PhD in civil engineering in 1965 from the University of Colorado at Boulder, Boulder, CO.

Honorary Members

"for his outstanding leadership as the first international ACI President, his contributions in teaching and research on design of reinforced concrete structures, his many years of service on the ACI Building Code Committee, and as a liaison between ACI and concrete organizations in numerous Central and South American countries"



Luis E. García is an independent consultant who has been involved in structural engineering since the early 1970s. In 1980, he founded Proyectos y Diseños Ltda. (P&D Ltda.), a structural engineering consulting firm in Bogotá, Colombia. Prior to retiring in April 2015, he was in charge of the structural design on numerous buildings, industrial structures, and bridges in Colombia and other Latin American countries. P&D Ltda. has a design record that includes more than 20 million m² (215 million ft²) of design area. García has been engaged in teaching and research at

the Universidad de los Andes, Bogotá, Colombia, since 1973, and he was Chair of the Civil Engineering Department from 1982 to 1983. From 2001 to 2003, he was Visiting Professor of Civil Engineering at Purdue University, West Lafayette, IN.

García was ACI President in 2008-2009. He was the recipient of the ACI Committee 318 Structural Concrete Building Code Distinguished Service Award in 2011 and was recognized for his service as President in 2009. He received the 2003 ACI Alfred E. Lindau Award and the 2002 ACI Joe W. Kelly Award, and he was elected Fellow of ACI in 1991. García was elected Fellow of the American Society of Civil Engineers (ASCE) in 2006, and he was named a Life Member of ASCE in 2012.

He has been a member of ACI Committee 318, Structural Concrete Building Code, since 1985, and is a past Chair of ACI Subcommittee 318-D, Members, from 2002-2008. He is the Chair of ACI Subcommittees 318-L, International Liaison, and 318-N, Nonlinear Dynamic Analysis. García is a member of the ACI ISO TC-71 Advisory Committee and the Committee on Codes and Standards Advocacy and Outreach; ACI Committees 133, Disaster Reconnaissance; 314, Simplified Design of Concrete Buildings (Chair of this committee from its inception until 2007); 374, Performance-Based Seismic Design of Concrete Buildings; Joint ACI-ASCE Committee 352, Joints and Connections in Monolithic Concrete Structures; and ACI Subcommittee 318-F, Foundations.

García received his civil engineering degree from the Universidad de los Andes, Bogotá, Colombia, in 1971, and his MS in civil engineering from the University of Illinois at Urbana-Champaign, Champaign, IL, in 1972.

Honorary Members

"for his exemplary contributions to ACI and the concrete community in the field of structural engineering related to wind and earthquake resistant design, and his dedication and commitment to advancing codes and the understanding of those using them"



Satyendra K. Ghosh is President of S.K. Ghosh Associates Inc., Palatine, IL, and Aliso Viejo, CA. He has published more than 200 papers and books on seismic and concrete design. He has also investigated and reported on structural performance in many significant earthquakes of the last three decades.

Ghosh was awarded the 1992 ACI Structural Research Award, the 2004 ACI Alfred E. Lindau Award, the 2006 Concrete Research Council Arthur J. Boase Award, and the 2009 ACI Joe W. Kelly Award. He became a Fellow of ACI in 1988. Ghosh is a member of ACI Committee 318, Structural Concrete Building Code, and ACI Subcommittees 318-F, Foundations; 318-H, Seismic Provisions; and Joint ACI-ASCE Subcommittee 550-A, Diaphragms. He is also a consulting member and past Chair of ACI Committees 435, Deflection of Concrete Building Structures, and ITG-4, High-Strength Concrete. He is a past member of the ACI Technical Activities Committee; the ACI Board of Direction; ITG-1, Precast Concrete Moment Frames; ITG-5, Precast Concrete Shear Walls; ITG-6, High-Strength Reinforcement; 371, Elevated Tanks with Concrete Pedestals; and Joint ACI-ASCE-TMS Committee 530, Masonry Standards. He is a Fellow of the American Society of Civil Engineers (ASCE) and the Precast/Prestressed Concrete Institute (PCI).

His research interests include the seismic performance and design of cast-in-place and precast concrete diaphragms and shear walls and the application of high-strength reinforcement in structures assigned to high seismic design categories.

Ghosh received his BE in civil engineering from the University of Calcutta, Calcutta, India, in 1966, and his MASc and PhD in structural engineering from the University of Waterloo, Waterloo, ON, Canada, in 1969 and 1972, respectively.

Honorary Members

"for his lifetime achievements and contributions to the global concrete community, including his highly successful efforts to launch a global and collaborative dialogue on the environmental considerations related to the design and construction of concrete"



Koji Sakai is the Representative of the Japan Sustainability Institute, Sapporo, Japan, which he founded following his retirement as a Professor in 2014 from Kagawa University, Takamatsu, Kagawa, Japan, where he is Emeritus Professor. He is also an Honorary Professor at the University of British Columbia, Vancouver, BC, Canada, and Guest Professor at Southeast University, Nanjing, China. Sakai has authored or co-authored more than 700 technical papers, reports, and articles.

He founded the ACI Concrete Sustainability Forum in 2008, which began as a workshop, and also the International Conference on Concrete Sustainability in 2013. He has been the Founding Chair of ISO/TC 71/SC 8, Environmental Management for Concrete and Concrete Structures, since 2007, of which ACI is the Secretary on behalf of the American National Standards Institute (ANSI). He is a member of ACI Committee 130, Sustainability of Concrete. Sakai has also been the Founding Chair of the Asian Concrete Federation's Sustainability Forum since 2010. He founded the International Conference under Severe Conditions in 1995. During his professional career, he was a Research Associate at Hokkaido University; Invited Research Associate at the University of Canterbury and Houston University; Associate Professor at Hokkaido University; and Head and Director of the Civil Engineering Research Institute, Sapporo, Japan.

Sakai co-published *The Sustainable Use of Concrete* (CRC Press), which won the 2013 Japan Society of Civil Engineers (JSCE) Book of the Year Award. He has received numerous awards, including the 2014 ACI Concrete Sustainability Award and the 2015 *fib* Medal of Merit. He has provided more than 100 keynote and invited lectures on the environment and sustainability all over the world. Sakai published *Sustainability Design of Concrete Structures* (Gihodo Shuppan) in 2016 to promote incorporation of sustainability concepts into the construction industry.

Sakai received his bachelor's degree in civil engineering from Kitami Institute of Technology, Kitami, Japan, in 1971, and his master's and doctoral degrees in civil engineering from Hokkaido University, Sapporo, Japan, in 1973 and 1985, respectively.

Fellows

Fellow—“A Fellow shall be a person who has made outstanding contributions to the production or use of concrete materials, products, and structures in the areas of education, research, development, design, construction, or management.” (Bylaws, Article II, Section 3)
Created in 1973, 856 members now hold the position of Fellow. They are recommended by the Fellows Nomination Committee and elected by the Board of Direction.

Fellows



Thomas H. Adams



Joseph S. Balik



Peter Carrato



Mark F. Chrzanowski



Kirk K. Deadrick



Amir Fam



Christopher C. Ferraro



Raissa Douglas Ferron



Dean Forgeron



Erik Holck



David L. Hollingsworth



Ken Kazanis



Lloyd J. Keller



Donald Kline



Eric Koehler

Fellows



Anthony J. Lamanna



Tyler Ley



Frank S. Malits



Ed T. McGuire



Michael Morrison



Farshad Rajabipour



Prasada Rao Rangaraju



Rick Smith



Billie Gene Snell



Lawrence Sutter



Mahmoud Reda Taha



Ganesh Thiagarajan

50-Year Members

Expression of appreciation to members who have contributed to the success of the Institute by maintaining membership for at least 50 years.



Gordon B. Batson



Luis A. Changmarin



Marvin E. Criswell



David Darwin



Walter Dilger



Charles W. Dolan



Lennart Elfgrén



Otto "Chuck" Guedelhofer



Douglas J. Haavik

50-Year Members



Robert L. Henry



David W. Johnston



Ralph Hueston Kratz



Richard C. Meininger



Antoine E. Naaman



Theodore Nelson



Ira W. Pearce

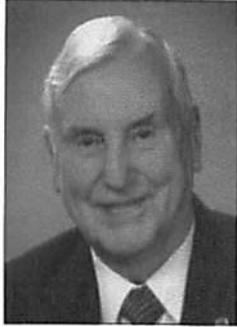


Herman G. Protze III



William "Bill" Saul

50-Year Members



Robert L. Terpening



Yasuhiko Yamamoto

NOT PICTURED:

Walter Benefield

Richard Fenwick

Michael McCormac

Kenneth Murray

Dan Naus

Juan Risoul

Robert Spracklen

**Congratulations to the 2017 award winners shown
below, who already received their award from
ACI President, Michael J. Schneider.**

2017 Listing of Awardees

ARTHUR R. ANDERSON MEDAL

Zongjin Li

ROGER H. CORBETTA CONCRETE CONSTRUCTOR AWARD

Bruce Glaspey

JOE W. KELLY AWARD

David H. Sanders

HENRY L. KENNEDY AWARD

Republic of Colombia Chapter - ACI

ALFRED E. LINDAU AWARD

Cary Kopczynski

HENRY C. TURNER MEDAL

National Ready Mixed Concrete Association

CEDRIC WILLSON LIGHTWEIGHT AGGREGATE CONCRETE AWARD

Anton K. Schindler

ACI CERTIFICATION AWARD

William R. "Rod" Elderton • G. Terry Harris Sr. • Marc Jolin

ACI CONCRETE SUSTAINABILITY AWARD

Florian Barth

ACI EDUCATION AWARD

Ramón L. Carrasquillo • Lawrence C. Novak

ACI STRATEGIC ADVANCEMENT AWARD

Frances T. Griffith

ACI YOUNG MEMBER AWARD FOR PROFESSIONAL ACHIEVEMENT

Jason Draper • Raissa Douglas Ferron • Rémy D. Lequesne

WASON MEDAL FOR MOST MERITORIOUS PAPER

Yu-Chen Ou • Dimas Pramudya Kurniawan

2017 Listing of Awardees

ACI CONSTRUCTION AWARD

Luc Monette • N. J. (John) Gardner

ACI DESIGN AWARD

Michael P. Collins • Evan C. Bentz • Phillip T. Quach • Giorgio Talotti Proestos

CHESTER PAUL SIESS AWARD FOR EXCELLENCE IN STRUCTURAL RESEARCH

Vesna Terzic • Božidar Stojadinović

WASON MEDAL FOR MATERIALS RESEARCH

Christof Schröfl • Viktor Mechtcherine

DELMAR L. BLOEM DISTINGUISHED SERVICE AWARD

Tess Ahlborn • David W. Pittman • David Trejo

CHAPTER ACTIVITIES AWARD

Werner K. Hellmer • Brooke W. Smartz • Jason Thompson

WALTER P. MOORE, JR. FACULTY ACHIEVEMENT AWARD

Ryan L. Solnosky

ACI FOUNDATION AWARDS

Jean-Claude Roumain Innovation in Concrete Award

Kamal H. Khayat

Arthur J. Boase Award

Gustavo J. Parra-Montesinos

Robert E. Philleo

Chiara F. Ferraris

T.Y. LIN AWARD

William L. Gamble

EXCELLENT AND OUTSTANDING CHAPTERS

EXCELLENT AND OUTSTANDING UNIVERSITIES

Excellent and Outstanding Chapters

EXCELLENT CHAPTERS

Arizona Chapter – ACI
Carolinas Chapter – ACI
Central and Southern Mexico Chapter – ACI
Eastern Pennsylvania and Delaware Chapter – ACI
Georgia Chapter – ACI
Guatemala Chapter – ACI
India Chapter – ACI
Intermountain Chapter – ACI
Kansas Chapter – ACI
Las Vegas Chapter – ACI
Louisiana Chapter – ACI
Missouri Chapter – ACI
National Capital Chapter – ACI
Nebraska Chapter – ACI
New Mexico Chapter – ACI
Northeast Mexico Chapter – ACI
Northern California and Western Nevada Chapter – ACI
Ontario Chapter – ACI
San Diego Chapter – ACI
Southern California Chapter – ACI

OUTSTANDING CHAPTERS

Arkansas Chapter – ACI
Central Texas Chapter – ACI
Concrete Industry Board, New York City Chapter – ACI
Greater Miami Valley Chapter – ACI
Illinois Chapter – ACI
Indiana Chapter – ACI
Maryland Chapter – ACI
New Jersey Chapter – ACI
Northeast Texas Chapter – ACI
Philippines Chapter – ACI
Pittsburgh Area Chapter – ACI
Rocky Mountain Chapter – ACI
Singapore Chapter – ACI
Virginia Chapter – ACI
Washington Chapter – ACI
Wisconsin Chapter – ACI

Excellent and Outstanding Universities

ACI AWARD FOR UNIVERSITY STUDENT ACTIVITIES

ACI Excellent University Award 2016

Aria University of Sciences and Sustainability

Arizona State University

Auburn University

Facultad de Estudios Superiores Aragón, UNAM

Instituto Tecnológico de La Paz

Missouri S&T

National Polytechnic Institute

New Jersey Institute of Technology

Oklahoma State University

Pennsylvania State University

Pittsburg State University

Polytechnic University of Puerto Rico

San Jose State University

Southern Illinois University Edwardsville

Universidad Autónoma de Nuevo León

Universidad San Francisco de Quito

Université de Sherbrooke

University of Alabama

University of Arkansas – Fayetteville

University of Illinois at Urbana-Champaign

University of Manitoba

University of Minnesota – Duluth

University of Missouri – Kansas City

University of North Carolina at Charlotte

University of Puerto Rico – Mayagüez

University of Texas at Austin

Excellent and Outstanding Universities

ACI Outstanding University Award 2016

British Columbia Institute of Technology
California State University - Chico
Escuela Superior Politecnica del Litoral
Middle Tennessee State University
NED University of Engineering and Technology
North Carolina State University
Rose-Hulman Institute of Technology
Universidad de San Carlos de Guatemala
Universidad de San Carlos de Guatemala Centro Universitario de Occidente
Universidad Galileo
Universidad Mariano Gálvez de Guatemala
Universidad Mariano Gálvez, Quetzaltenango
Universidad Peruana de Ciencias Aplicadas
Universidad Rafael Landívar Campus Central
Universidad Rafael Landívar Campus Quetzaltenango
Universidad Rafael Landívar Campus San Pedro Claver, SJ de la Verapaz
University of Asia Pacific
University of Georgia
University of Maryland, College Park
University of Miami
University of Victoria
University of Virginia
University of Wisconsin – Platteville
Valparaiso University

Congratulate all award winners during the Opening Reception and
Awards Recognition celebration on
Sunday, March 26, 2017 at 7:00 p.m. – 8:00 p.m.

ACI selects the winners of its annual awards through an open nomination process. ACI members can participate in the Honors and Awards Program by nominating worthy candidates for award consideration. Nomination forms can be found on the ACI website, www.concrete.org, or by contacting Diane Pociask at Diane.Pociask@concrete.org.



American Concrete Institute

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