

## CIRCUITS AND SYSTEMS SOCIETY

**March 20, 1951 - First meeting of the IRE Professional Group on Circuit Theory.**  
**March 25, 1963 - Name change to IEEE Professional Technical Group on Circuit Theory.**  
**1966 - Became Group on Circuit Theory.**  
**November 2, 1972 - Name change to IEEE Circuits and Systems Society.**

### CAS-04 OFFICERS

#### **1949-51**

Chairman John G. Brainerd (Acting)

#### **1951-52 (Officers from July 1 to June 30, 1952)**

Chairman John G. Brainerd  
Secretary-Treasurer Herbert J. Carlin

#### **1952-53 (Officers to June 1953)**

Chairman R. L. Dietzold  
Vice Chairman Chester H. Page  
Secretary-Treasurer William H. Huggins

#### **1953-54 (Officers to June 1954)**

Chairman Chester H. Page  
Secretary-Treasurer Milton Dishal

#### **1954-55 (Officers to June 1955)**

Chairman Chester H. Page  
Vice Chairman Herbert J. Carlin  
Secretary-Treasurer Milton Dishal

#### **1955-56 (Officers to June 1956)**

Chairman Herbert J. Carlin  
Vice Chairman William H. Huggins  
Secretary-Treasurer Milton Dishal

#### **1956-57 (Officers to June 1957)**

Chairman Herbert J. Carlin  
Vice Chairman William H. Huggins  
Secretary-Treasurer James H. Mulligan, Jr.

#### **1957-58 (Officers to June 1958)**

Chairman William H. Huggins  
Vice Chairman Sidney Darlington  
Secretary-Treasurer James H. Mulligan, Jr.

**1958-59** (Officers to June 1959)

Chairman  
Vice Chairman  
Secretary-Treasurer

William H. Huggins  
Sidney Darlington  
James H. Mulligan, Jr.

**1959-60** (Officers to June 1960)

Chairman  
Vice Chairman  
Secretary-Treasurer

Sidney Darlington  
James H. Mulligan, Jr.  
Ralph J. Schwarz

**1960-61** (Officers to June 1961)

Chairman  
Vice Chairman  
Secretary-Treasurer

Sidney Darlington  
James H. Mulligan, Jr.  
Ralph J. Schwarz

**1961-62** (Officers to June 1962)

Chairman  
Vice Chairman-West  
Vice Chairman-East  
Secretary-Treasurer

James H. Mulligan, Jr.  
John G. Linvill  
Ralph J. Schwarz  
Robert L. Pritchard

**1962-63** (Officers to June 1963)

Chairman  
Vice Chairman-West  
Vice Chairman-East  
Secretary-Treasurer

James H. Mulligan, Jr.  
John G. Linvill  
Ralph J. Schwarz  
Robert L. Pritchard

**1963-64** (Officers to June 1964)

Chairman  
Vice Chairman-Administration  
Vice Chairman-Programs  
Vice Chairman-Publications  
Secretary-Treasurer

Ralph J. Schwarz  
John G. Linvill  
Franklin H. Blecher  
M. E. Van Valkenburg  
Robert L. Pritchard

**1964-65** (Officers to March 1965)

Chairman  
Vice Chairman-Administration  
Vice Chairman-Programs  
Vice Chairman-Publications  
Secretary-Treasurer

Ralph J. Schwarz  
John G. Linvill  
Franklin H. Blecher  
M. E. Van Valkenburg  
Robert L. Pritchard

**1965-66** (Officers to March 1966)

Chairman  
Vice Chairman-Administration  
Vice Chairman-Programs  
Vice Chairman-Publications  
Secretary-Treasurer

John G. Linvill  
M. E. Van Valkenburg  
A. P. Stern  
Franklin H. Blecher  
Lewis E. Franks

**1966-67** (Officers to March 1967)

Chairman  
Vice Chairman-Administration  
Vice Chairman-Programs  
Vice Chairman-Publications  
Secretary-Treasurer

M. E. Van Valkenburg  
Robert L. Pritchard  
A. P. Stern  
Franklin H. Blecher  
Lewis E. Franks

**1967** (Officers to December 1967)

Chairman  
Vice Chairman-Administration  
Vice Chairman-Programs  
Vice Chairman-Publications  
Secretary-Treasurer

Franklin H. Blecher  
A. P. Stern  
Omar Wing  
D. Hamilton  
Lewis E. Franks

**1968**

Chairman  
Vice Chairman-Administration  
Vice Chairman-Programs  
Vice Chairman-Publications  
Secretary-Treasurer

A. P. Stern  
Lewis E. Franks  
Omar Wing  
Gabor C. Temes  
Robert F. Cotellessa

**1969**

Chairman  
Vice Chairman-Administrative & Chapters  
Vice Chairman-Programs  
Vice Chairman-Publications  
Secretary-Treasurer

A. P. Stern  
Lewis E. Franks  
Omar Wing  
Gabor C. Temes  
Robert F. Cotellessa

**1970**

Chairman  
Vice Chairman-International Affairs & Chapters  
Vice Chairman-Programs  
Vice Chairman-Publications  
Secretary-Treasurer

B. J. Leon  
Robert F. Cotellessa  
George Szentirmai  
Irwin W. Sandberg  
Gordon H. Danielson

**1971**

Chairman  
Vice Chairman-International Affairs & Chapters  
Vice Chairman-Programs  
Vice Chairman-Publications  
Secretary-Treasurer

B. J. Leon  
Robert F. Cotellessa  
George Szentirmai  
Irwin W. Sandberg  
Gordon H. Danielson

**1972**

President  
Vice President-International Affairs & Chapters  
Vice President-Programs  
Vice President-Publications  
Secretary-Treasurer

Ernest S. Kuh  
M. S. Ghausi  
Gabor C. Temes  
M. R. Aaron  
B. A. Shenoi

**1973**

President  
Vice President-International Affairs & Chapters  
Vice President-Programs  
Vice President-Publications  
Secretary-Treasurer

M. R. Aaron  
M. S. Ghausi  
H. E. Meadows  
S. R. Parker  
B. A. Sheno

**1974**

President  
President-Elect  
Vice President  
Secretary-Treasurer

S. R. Parker  
B. A. Sheno  
H. E. Meadows  
Jerry Valihora

**1975**

President  
President-Elect  
Vice President  
Secretary-Treasurer

B. A. Sheno  
M. S. Ghausi  
Gordon H. Danielson  
Jerry Valihora

**1976**

President  
President-Elect  
Vice President  
Secretary-Treasurer

M. S. Ghausi  
L. O. Chua  
M. N. S. Swamy  
Timothy N. Trick

**1977**

President  
President-Elect  
Vice President  
Secretary-Treasurer

L. O. Chua  
Omar Wing  
William G. Howard, Jr.  
Timothy N. Trick

**1978**

President  
President-Elect  
Vice President  
Secretary-Treasurer

Omar Wing  
Timothy N. Trick  
William G. Howard, Jr.  
Stephen W. Director

**1979**

President  
President-Elect  
Vice President  
Secretary-Treasurer

Timothy N. Trick  
Carl F. Kurth  
Bede Liu  
Stephen W. Director

**1980**

President  
President-Elect  
Vice President  
Secretary-Treasurer

Carl F. Kurth  
Stephen W. Director  
Alan N. Willson, Jr.  
Kenneth R. Laker

**1981**

President  
President-Elect  
Vice President  
Secretary-Treasurer

Stephen W. Director  
Bede Liu  
Steven C. Bass  
Kenneth R. Laker

**1982**

President  
President-Elect  
Vice President  
Secretary-Treasurer

Bede Liu  
Kenneth R. Laker  
Michael A. Soderstrand  
W. Kenneth Jenkins

**1983**

President  
President-Elect  
Executive Vice President  
Vice President-Region 8  
Vice President-Region 10  
Secretary-Treasurer

Kenneth R. Laker  
Alan N. Willson, Jr.  
Alberto Sangiovanni-Vincentelli  
Rudolf A. Saal  
Toshio Fujisawa  
W. Kenneth Jenkins

**1984**

President  
President-Elect  
Executive Vice President  
Vice President-Region 8  
Vice President-Region 10  
Secretary-Treasurer

Alan N. Willson, Jr.  
W. Kenneth Jenkins  
Alberto Sangiovanni-Vincentelli  
Rudolf A. Saal  
Toshio Fujisawa  
Ian E. Getreu

**1985**

President  
President-Elect  
Executive Vice President  
Vice President-Region 8  
Vice President-Region 10  
Secretary-Treasurer

W. Kenneth Jenkins  
Sanjit K. Mitra  
George S. Moschytz  
Rudolf A. Saal  
Toshio Fujisawa  
Ian E. Getreu

**1986**

President  
President-Elect  
Executive Vice President  
Vice President-Region 8  
Vice President-Region 10  
Secretary-Treasurer

Sanjit K. Mitra  
Ronald A. Rohrer  
Ming L. Liou  
Rudolf A. Saal  
Hitoshi Watanabe  
Anthony N. Michel

**1987**

President  
President-Elect  
Executive Vice President  
Vice President Region 8  
Vice President Region 10  
Secretary - Treasurer

Ronald A. Rohrer  
Ming L. Liou  
Wai-Kai Chen  
Alfred Fettweis  
Hitoshi Watanabe  
Anthony N. Michel

**1988**

President  
President-Elect  
Executive Vice President  
Vice President (Conferences)  
Vice President (Publications)  
Vice President Region 8  
Vice President Region 10  
Secretary - Treasurer

Ming L. Liou  
Anthony N. Michel  
George Szentirmai  
Philip V. Lopresti  
Rolf Schaumann  
Jacques Neiryck  
Hitoshi Watanabe  
Sung Mo Kang

**1989**

President  
President-Elect  
Executive Vice President  
Vice President (Conferences)  
Vice President (Publications)  
Vice President Region 8  
Vice President Region 10  
Secretary - Treasurer

Anthony N. Michel  
Rolf Schaumann  
Tran Thong  
Philip V. Lopresti  
Randall L. Geiger  
Jacques Neiryck  
Hitoshi Watanabe  
Sung Mo Kang

**1990**

President  
President-Elect  
Vice President (Administration)  
Vice President (Conferences)  
Vice President (Publications)  
Vice President Region 8  
Vice President Region 10

Rolf Schaumann  
Sung Mo Kang  
Philip V. Lopresti  
Ian E. Getreu  
Randall L. Geiger  
Jacques Neiryck  
Hitoshi Watanabe

**1991**

President  
President-Elect  
Vice President (Administration)  
Vice President (Conferences)  
Vice President (Publications)  
Vice President (Technical Activities)  
Vice President Region 8  
Vice President Region 10

Sung Mo Kang  
Randall L. Geiger  
Philip V. Lopresti  
Ian E. Getreu  
Steven C. Bass  
Michael R. Lightner  
Joos Vandewalle  
Tatsuo Ohtsuki

**1992**

President  
President-Elect  
Past President  
Vice President (Administration)  
Vice President (Conferences)  
Vice President (Publications)  
Vice President (Technical Activities)  
Vice President Region 8  
Vice President Region 10

Randall L. Geiger  
Philip V. Lopresti  
Sung Mo Kang  
Michael K. Sain  
Ruey-Wen Liu  
Steven C. Bass  
Michael R. Lightner  
Joos Vandewalle  
Tatsuo Ohtsuki

**1993**

President  
President-Elect  
Past President  
Vice President (Administration)  
Vice President (Conferences)  
Vice President (Publications)  
Vice President (Technical Activities)  
Vice President Region 8  
Vice President Region 9  
Vice President Region 10

Philip V. Lopresti  
Wai-Kai Chen  
Randall L. Geiger  
Michael K. Sain  
Ruey-Wen Liu  
Steven C. Bass  
Michael R. Lightner  
Joos Vandewalle  
Jacques Szczupak  
Tatsuo Ohtsuki

**1994**

President  
President-Elect  
Past President  
Vice President (Administration)  
Vice President (Conferences)  
Vice President (Publications)  
Vice President (Technical Activities)  
Vice President Region 8  
Vice President Region 9  
Vice President Region 10

Wai-Kai Chen  
Ruey-Wen Liu  
Philip V. Lopresti  
John Choma, Jr.  
Phillip E. Allen  
Edgar Sanchez-Sinencio  
Michael K. Sain  
Joos Vandewalle  
Jacques Szczupak  
Tatsuo Ohtsuki

**1995**

President  
President-Elect  
Past President  
Administrative Vice President  
Vice President (Conferences)  
Vice President (Publications)  
Vice President (Technical Activities)  
Vice President Region 8  
Vice President Region 9  
Vice President Region 10

Ruey-Wen Liu  
Michael R. Lightner  
Wai-Kai Chen  
John Choma, Jr.  
Phillip E. Allen  
Edgar Sanchez-Sinencio  
Michael K. Sain  
Franco Maloberti  
Paulo S. R. Diniz  
Isao Shirakawa

**1996**

President  
President-Elect  
Past President  
Administrative Vice President  
Vice President (Conferences)  
Vice President (Publications)  
Vice President (Technical Activities)  
Vice President Region 8  
Vice President Region 9  
Vice President Region 10

Michael R. Lightner  
John Choma, Jr., Jr.  
Ruey-Wen Liu  
Clifford G. Y. Lau  
Harnatha C. Reddy  
Rui J. P. de Figueiredo  
Chris Toumazou  
Franco Maloberti  
Paulo S. R. Diniz  
Isao Shirakawa

**1997**

President  
President-Elect  
Past President  
Administrative Vice President  
Vice President (Conferences)  
Vice President (Publications)  
Vice President (Technical Activities)  
Vice President Region 8  
Vice President Region 9  
Vice President Region 10

John Choma, Jr., Jr.  
Rui J. P. de Figueiredo  
Michael R. Lightner  
Clifford G. Y. Lau  
Harnatha C. Reddy  
Yih-Fang Huang  
Chris Toumazou  
Franco Maloberti  
Paulo S. R. Diniz  
Graham R. Hellestrand

**1998**

President  
President-Elect  
Past President  
Vice President (Administration)  
Vice President (Conferences)  
Vice President (Publications)  
Vice President (Technical Activities)  
Vice President Region 8  
Vice President Region 9  
Vice President Region 10

Rui J. P. de Figueiredo  
George S. Moschytz  
John Choma, Jr., Jr.  
Krishnaiyan Thulasiraman  
Bing J. Sheu  
Yih-Fang Huang  
Magdy A. Bayoumi  
Anthony C. Davies  
Jose Silva-Martinez  
Graham R. Hellestrand

**1999**

President  
President-Elect  
Past President  
Vice President (Administration)  
Vice President (Conferences)  
Vice President (Publications)  
Vice President (Technical Activities)  
Vice President Region 8  
Vice President Region 9  
Vice President Region 10

George S. Moschytz  
Bing J. Sheu  
Rui J. P. de Figueiredo  
Krishnaiyan Thulasiraman  
Harnatha C. Reddy  
Giovanni De Micheli  
Magdy A. Bayoumi  
Anthony C. Davies  
Jose Silva-Martinez  
Tony T. S. Ng



**2000**

President  
President-Elect  
Past President  
Vice President (Administration)  
Vice President (Conferences)  
Vice President (Publications)  
Vice President (Technical Activities)  
Vice President Regions 1-7  
Vice President Region 8  
Vice President Region 9  
Vice President Region 10

Bing J. Sheu  
Harnatha C. Reddy  
George S. Moschytz  
Ibrahim N. Hajj  
Geert A. De Veirman  
Giovanni De Micheli  
Mona E. Zagloul  
Alfred E. Dunlop  
Anthony C. Davies  
Juan E. Cousseau  
Tony T. S. Ng

**2001**

President  
President-Elect  
Past President  
Vice President (Administration)  
Vice President (Conferences)  
Vice President (Publications)  
Vice President (Technical Activities)  
Vice President Regions 1-7  
Vice President Region 8  
Vice President Region 9  
Vice President Region 10

Harnatha C. Reddy  
Josef A. Nossek  
Bing J. Sheu  
Ibrahim N. Hajj  
Geert A. De Veirman  
M. N. S. Swamy  
Mona E. Zagloul  
Wasfy B. Mikhael  
Anthony C. Davies  
Juan E. Cousseau  
Niobuo Fujii

**2002**

President  
President-Elect  
Past President  
Administrative Vice President  
Vice President - Conferences  
Vice President - Publications  
Vice President - Technical Activities  
Vice President - Regions 1-7  
Vice President - Region 8  
Vice President - Region 9  
Vice President - Region 10  
Treasurer  
Administrator

Josef A. Nossek  
Dr. Giovanni De Micheli  
Harnatha C. Reddy  
Ibrahim N. Hajj  
Geert De Veirman  
M. N. S. Swamy  
Martin J. Hasler  
Wasfy B. Mikhael  
Maciej J. Ogorzalek  
Sergio L. Netto  
Nobuo Fujii  
Position Vacant  
Barbara Wehner

## 2003

President  
President-Elect  
Administrative Vice President  
Vice President - Conferences  
Vice President-Publications  
Vice President - Regions 1-7  
Vice President - Region 8  
Vice President - Region 9  
Vice President - Region 10  
Vice President - Technical Activities  
Executive Director  
Past President

Dr. Giovanni De Micheli  
M. N. S. Swamy  
Robert J. Marks II  
Geert De Veirman  
Peter Pirsch  
Ellen J. Yoffa  
Maciej J. Ogorzalek  
Sergio L. Netto  
Hiroto Yasuura  
Martin J. Hasler  
Heidi Zazza  
Josef A. Nossek

## 2004

President  
President-Elect  
Administrative Vice President  
Vice President - Conferences  
Vice President - Publications  
Vice President - Region 10  
Vice President - Technical Activities  
Executive Director  
Past President  
Vice President - Region 08  
Vice President - Regions 01-07  
Vice President - Region 09

M. N. S. Swamy  
Georges Ge Gielen  
Robert J. Marks II  
Chung-Yu Wu  
Peter Pirsch  
Hiroto Yasuura  
Martin J. Hasler  
Heidi Zazza  
Giovanni De Micheli  
Maciej J. Ogorzalek  
Ellen J. Yoffa  
Pedro M. Julian

## 2005

President  
President - Elect  
Administrative Vice President  
Vice President - Conferences  
Vice President - Publications  
Vice President - Region 08  
Vice President - Region 09  
Vice President - Region 10  
Vice President - Regions 01-07  
Vice President - Technical Activities  
Past President  
Executive Director

Georges Ge Gielen  
Ellen J. Yoffa  
Maciej J. Ogorzalek  
Chung-Yu Wu  
Massoud Pedram  
Michael P. Kennedy  
Pedro M. Julian  
Bin-Da Liu  
Graham R. Hellestrand  
Martin J. Hasler  
M. N. S. Swamy  
Heidi Zazza

**2006**

President  
President - Elect  
Administrative Vice President  
Vice President - Conferences  
Vice President - Publications  
Vice President - Region 08  
Vice President - Region 09  
Vice President - Region 10  
Vice President - Regions 01-07  
Vice President - Technical Activities  
Past President  
Executive Director

Ellen J. Yoffa  
Ljiljana Trajkovic  
Maciej J. Ogorzalek  
Magdy A. Bayoumi  
Massoud Pedram  
Michael P. Kennedy  
Pedro M. Julian  
Bin-Da Liu  
Graham R. Hellestrand  
Joos Vandewalle  
Georges Ge Gielen  
Heidi Zazza

**2007**

President  
Society President-Elect  
Administrative Vice President  
Vice President – Conferences  
Vice President – Publications  
Vice President - Region 08  
Vice President - Region 09  
Vice President - Region 10  
Vice President - Regions 01-07  
Vice President - Technical Activities  
Past President  
Executive Director

Ljiljana Trajkovic  
Maciej J. Ogorzalek  
Richard C. Smith  
Magdy A. Bayoumi  
Franco Maloberti  
Michael P. Kennedy  
Pedro M. Julian  
Yong Lian  
Mani Soma  
Joos Vandewalle  
Ellen J. Yoffa  
Heidi Zazza

**2008**

President  
Society President-Elect  
Administrative Vice President  
Vice President – Conferences  
Vice President – Publications  
Vice President - Region 08  
Vice President - Region 09  
Vice President - Region 10  
Vice President - Regions 01-07  
Vice President - Technical Activities  
Past President  
Executive Director

Maciej J. Ogorzalek  
David J. Allstot  
Richard C. Smith  
Athanasios G. Stouraitis  
Franco Maloberti  
A. B. Rodriguez-Vazquez  
Ricardo A. L. Reis  
Yong Lian  
Mani Soma  
Joos Vandewalle  
Ljiljana Trajkovic  
Heidi Zazza

**2009**

President  
Society President-Elect  
Administrative Vice President  
Vice President – Conferences  
Vice President – Publications  
Vice President - Region 08  
Vice President - Region 09  
Vice President - Region 10  
Vice President - Regions 01-07  
Vice President - Technical Activities  
Past President  
Executive Director

David J. Allstot  
Gianluca Setti  
Tuna B. Tarim  
Athanasios G. Stouraitis  
Enrico Macii  
A. B. Rodriguez-Vazquez  
Ricardo A. L. Reis  
Yong Lian  
Mani Soma  
Joos Vandewalle  
Maciej J. Ogorzalek  
Heidi Zazza

**2010**

President  
Society President-Elect  
Administrative Vice President  
Vice President – Conferences  
Vice President – Publications  
Vice President - Region 08  
Vice President - Region 09  
Vice President - Region 10  
Vice President - Regions 01-07  
Vice President - Technical Activities  
Past President  
Executive Director

Gianluca Setti  
Mani Soma  
Tuna B. Tarim  
Athanasios G. Stouraitis  
Enrico Macii  
A. B. Rodriguez-Vazquez  
Ricardo A. L. Reis  
Rui Silva Martins  
Liming Xiu  
Vojin G. Oklobdzija  
David J. Allstot  
Heidi Zazza

**2011**

President  
Society President-Elect  
Administrative Vice President  
Vice President – Conferences  
Vice President – Publications  
Vice President - Region 08  
Vice President - Region 09  
Vice President - Region 10  
Vice President - Regions 01-07  
Vice President - Technical Activities  
Past President  
Executive Director

Mani Soma  
Athanasios G. Stouraitis  
Mario Di Bernardo  
Tor S. Lande  
Enrico Macii  
A. B. Rodriguez-Vazquez  
Ricardo A. L. Reis  
Rui Silva Martins  
Anthony Carusone  
Vojin G. Oklobdzija  
Gianluca Setti  
Heidi Zazza

**2012**

President  
Society President-Elect  
Administrative Vice President  
Vice President – Conferences  
Vice President – Publications  
Vice President – Regional and Membership Activity  
Vice President - Technical Activities  
Past President  
Executive Director

Athanasios G. Stouraitis  
Position Vacant  
Mario Di Bernardo  
Tor S. Lande  
Enrico Macii  
Rui Silva Martins  
Vojin G. Oklobdzija  
Mani Soma  
Heidi Zazza

**2013**

President  
Society President-Elect  
Administrative Vice President  
Vice President – Conferences  
Vice President – Publications  
Vice President – Regional and Membership Activity  
Vice President - Technical Activities  
Past President  
Executive Director

Athanasios G. Stouraitis  
Vojin G. Oklobdzija  
Mario Di Bernardo  
Tor S. Lande  
Yong Lian  
Rui Silva Martins  
Position Vacant  
Mani Soma  
Heidi Zazza

**2014**

President  
Society President-Elect  
Vice President - Financial Activities  
Vice President - Conferences  
Vice President - Publications  
Vice President - Regional and Membership Activities  
Vice President - Technical Activities  
Past President

Vojin G Oklobdzija  
Franco Maloberti  
Mario DiBernardo  
Amara Amara  
Yong Lian  
Eduardo A Barros Da Silva  
David J Skellern  
Athanasios G Stouraitis

**2015**

President  
Society President-Elect  
Vice President - Financial Activities  
Vice President - Conferences  
Vice President - Publications  
Vice President - Regional and Membership Activities  
Vice President - Technical Activities  
Past President

Vojin G Oklobdzija  
Franco Maloberti  
Eduard Alarcon  
Amara Amara  
Yong Lian  
Eduardo A Barros Da Silva  
David J Skellern  
Athanasios G Stouraitis

**2016**

President  
Society President-Elect  
Vice President - Financial Activities  
Vice President - Conferences  
Vice President - Publications  
Vice President - Regional and Membership Activities  
Vice President - Technical Activities  
Past President

Franco Maloberti  
Yong Lian  
Chang Wen Chen  
Amara Amara  
Manuel Delgado Restituto  
Eduardo A Barros Da Silva  
Eduard Alarcon  
Gianluca Setti

**2017**

President  
Society President-Elect  
Vice President - Financial Activities  
Vice President - Conferences  
Vice President - Publications  
Vice President - Regional and Membership Activities  
Vice President - Technical Activities  
Past President

Franco Maloberti  
Yong Lian  
Chang Wen Chen  
Amara Amara  
Manuel Delgado Restituto  
Eduardo A Barros Da Silva  
Eduard Alarcon  
Gianluca Setti

**Updated 6 February 2018**