

# INTERNATIONAL CERAMICS CONGRESS

*Chairman*

**Pietro Vincenzini**, *World Academy of Ceramics, Emeritus Research Manager National Research Council, Italy*

*Co-Chair*

**Robert Freer**, *International Ceramic Federation, University of Manchester and UMIST, UK*

## **Advisory Boards**

### **SECTION A - Fundamentals of Structure, Property, Reaction and Unit Processes of Ceramic Systems**

Sunggi Baik, *Korea* Jack Blakely, *USA* Amador Caballero, *Spain* Jan-Otto Carlsson, *Sweden* Christian Chatillon, *France* David R. Clarke, *USA* Giovanni De Maria, *Italy* Russell G. Egdell, *UK* Fred P. Glasser, *Scotland* Herbert Gleiter, *Germany* Robin W. Grimes, *UK* Yuichi Ikuhara, *Japan* Hyun M. Jang, *Korea* Gary L. Messing, *USA* Alexandra Navrotsky, *USA* David L. Pye, *USA* K.J. Rao, *India* Gerd M. Rosenblatt, *USA* Manfred Rühle, *Germany* Hans Jurgen Seifert, *USA* Susan B. Sinnott, *USA* Yuri D. Tretyakov, *Russia* Gennady F. Voronin, *Russia* E. Dow Whitney, *USA* Hiroaki Yanagida, *Japan*

### **SECTION B - Corrosion and Tribology Behaviour of Ceramics**

Bharat Bhushan, *USA* Richard Bowman, *Australia* Jean Desmaison, *France* Ali Erdemir, *USA* Mark Hadfield, *UK* Richard H.J. Hannink, *Australia* Kiyoshi Hirao, *Japan* Sture Hogmark, *Sweden* Stephen Hsu, *USA* Koji Kato, *Japan* Brian Lawn, *USA* I.M. Low, *Australia* Tapio Mantyla, *Finland* Ronald A. McCauley, *USA* Klaus G. Nickel, *Germany* Nobuo Ohmae, *Japan* Trevor Page, *UK* W.M. Rainforth, *UK* David A. Rigney, *USA* Shiro Shimada, *Japan* D. Treheux, *France* K-H. Zum Gahr, *Germany*

### **SECTION C - Ceramic Powders Synthesis and Processing**

Mufit Akinc, *USA* Jean François Baumard, *France* Lennart Bergström, *Sweden* Dario T. Beruto, *Italy* Stuart Blackburn, *UK* David V. Boger, *Australia* Gideon Grader, *Israel* Krzysztof Haberkowicz, *Poland* Stuart Hampshire, *Ireland* Yoshihiro Hirata, *Japan* Junichi Hojo, *Japan* Sridhar Komarneni, *USA* Fred F. Lange, *USA* John Lannutti, *USA* Romano Lapasin, *Italy* Rodrigo Moreno Botella, *Spain* Yasuo Shibasaki, *Japan* Wolfgang Sigmund, *USA* Shigeyuki Somiya, *Japan* Chris C. Sorrell, *Australia* Keizo Uematsu, *Japan*

### **SECTION D - Sintering Science and Technology**

Rajendra K. Bordia, *USA* Didier Bouvard, *France* Francis J. Cambier, *Belgium* W. Roger Cannon, *USA* Elis Carlström, *Sweden* I-Wei Chen, *USA* H.E. Exner, *Germany* Randall M. German, *USA* Andreas M. Glaeser, *USA* Patrice Goeriot, *France* Martin P. Harmer, *USA* Waldemar Hermel, *Germany* Heinrich Hofmann, *Switzerland* Kazunori Kijima, *Japan* Doh-Yeon Kim, *Korea* Mikito Kitayama, *Japan* Anne Leriche, *France* Ian Nettleship, *USA* Eugene A. Olevsky, *USA* Mohamed N. Rahaman, *USA* Frank L. Riley, *UK* Momcilo M. Ristic, *Serbia* Jürgen Rödel, *Germany* Wolfgang Schulle, *Germany* Veena Tikare, *USA* Omer Van Der Biest, *Belgium* José A. Varela, *Brazil* David S. Wilkinson, *Canada* Yu-ichi Yoshizawa, *Japan*

### **SECTION E - Non Conventional Routes to Ceramics**

Ilhan A. Aksay, *USA* Fritz A. Aldinger, *Germany* Florence Babonneau, *France* Jon Binner, *UK* David Brandon, *Israel* Frank Caruso, *Australia* Jin-Ho Choy, *Korea* David E. Clark, *USA* Paolo Colombo, *Italy* Stephen C. Danforth, *USA* Mark M. De Guire, *USA* Bruce Dunn, *USA* Mohan Edirisinghe, *UK* Katherine T. Faber, *USA* Janos H. Fendler, *USA* Ludwig J. Gauckler, *Switzerland* Peter Greil, *Germany* Yogendra M. Gupta, *USA* Leonard V. Interrante, *USA* Oscar Kaibyshev, *Russia* Terence G. Langdon, *USA* Jan Luyten, *Belgium* Akio Makishima, *Japan* James W. McCauley, *USA* Osamu Odawara, *Japan* Jacques Rabier, *France* Rishi Raj, *USA* Ralf Riedel, *Germany* Taketo Sakuma, *Japan* Clément Sanchez, *France* Helmut Schmidt, *Germany* Toshimori Sekine, *Japan* Brian W. Sheldon, *USA* Gian Domenico Soraru, *Italy* Marianne Stuivinga, *The Netherlands* Yoko Suyama, *Japan* Naresh Thadhani, *USA* Fumihiro Wakai, *Japan* Monika Willert-Porada, *Germany* Masahiro Yoshimura, *Japan*

**SPECIAL SESSION E-11 - Self-propagating High-temperature Synthesis of Ceramics**

*Chairman:* A.G. Merzhanov, *Russia* *Coordinator:* A.E. Sytshev, *Russia* *Members:* Frédéric Bernard, *France* Inna P. Borovinskaya, *Russia* Giacomo Cao, *Italy* Elazar Y. Gutmanas, *Israel* Mitsue Koizumi, *Japan* Evgeny Levashov, *Russia* Jerzy Lis, *Poland* Yoshinari Miyamoto, *Japan* Alexander Mukasyan, *USA* Zuhair A. Munir, *USA* J.-C. Niepce, *France* Manshi Ohyanagi, *Japan* Roman Pampuch, *Poland* R.Z. Yuan, *China*

**SPECIAL SESSION E-12 - Layered and Functionally Graded Materials**

*Chairman:* Chung-Chun Ge, *P.R. China* *Members:* Moshe P. Dariel, *Israel* Jae-Ho Jeon, *Korea* Erich Kny, *Austria* Jing-Feng Li, *China* Kiyotaka Matsuura, *Japan* John J. Moore, *USA* Luis Augusto Rocha, *Portugal* Alexander S. Rogachev, *Russia* Sanjay Sampath, *USA*

**SECTION F - Surface Engineering with Ceramics**

Sergei E. Alexandrov, *Russia* Giovanni A. Battiston, *Italy* Claude Bernard, *France* Maher Boulos, *Canada* W.J. Clegg, *UK* Santu Datta, *UK* Leonard C. Feldman, *USA* Albert Figueras, *Spain* Steven L. Girshick, *USA* Wayne L. Gladfelter, *USA* M.L. Hitchman, *Scotland* Kozo Ishizaki, *Japan* Ulf Jansson, *Sweden* E. Lugscheider, *Germany* Giorgio Margaritondo, *Switzerland* Javad Mostaghimi, *Canada* John R. Nicholls, *UK* Yves Pauleau, *France* Paolo Scardi, *Italy* Philippe Tailhades, *France* Maria Letizia Terranova, *Italy* Constantin Vahlas, *France* Toyonobu Yoshida, *Japan*

**SECTION G - Ceramic Composites**

Narottam P. Bansal, *USA* Serguei M. Barinov, *Russia* Paul F. Becher, *USA* Philippe Colombari, *France* Georg Grathwohl, *Germany* Chii-Shyang Hwang, *Taiwan* Wolfgang Kaysser, *Germany* Toshiya Kinoshita, *Japan* Waltraud Kriven, *USA* E.J. Lavernia, *USA* Elio Lucchini, *Italy* Laura Montanaro, *Italy* Abel Rousset, *France* Tohru Sekino, *Japan* Terry Tiegs, *USA* Wei-Hsing Tuan, *Taiwan* Sheldon Wiederhorn, *USA* Jenn-Ming Yang, *USA*

**SECTION H - Ceramic Joining**

Jeff Th. M. De Hosson, *The Netherlands* Brian Derby, *UK* Robin A.L. Drew, *Canada* Thomas W. Eagar, *USA* N. Eustathopoulos, *France* John A. Fernie, *UK* Monica Ferraris, *Italy* Natalya Froumin, *Israel* Mark Hoffman, *Australia* Guy Lascar, *France* Charles Lewinsohn, *USA* Dietrich Munz, *Germany* Y. Naidich, *Ukraine* Kiyoshi Nogi, *Japan* Alberto Passerone, *Italy* Ivar E. Reimanis, *USA* Tatatomo Suga, *Japan* K. Suganuma, *Japan* Antoni P. Tomsia, *USA* K. Scott Weil, *USA* W. Wlosinski, *Poland*

**SECTION I - Structural Ceramics**

Michel Boussuge, *France* Gunnar Brandt, *Sweden* Robert Danzer, *Austria* Goffredo De Portu, *Italy* Gerd Dobmann, *Germany* Jan Dusza, *Slovakia* William A. Ellingson, *USA* Gilbert Fantozzi, *France* Mattison K. Ferber, *USA* Stephen Freiman, *USA* Jurgen Goebbels, *Germany* Adrian Goldstein, *Israel* David J. Green, *USA* Mathias Herrmann, *Germany* Michael J. Hoffmann, *Germany* Karl Jakus, *USA* Katsutoshi Komeya, *Japan* Kathryn V. Logan, *USA* Hasan Mandal, *Turkey* John J. Mecholsky, Jr., *USA* Mamoru Mitomo, *Japan* Mats Nygren, *Sweden* Giuseppe Pezzotti, *Japan* Robert O. Ritchie, *USA* Pavol Šajgalík, *Slovakia* Winfried Schmitt, *Germany* Gerold A. Schneider, *Germany* Vincenzo M. Sglavo, *Italy* Vladimir Ja Shevchenko, *Russia* Huesup Song, *Korea*

**SECTION J - Ceramics for Electrochemical, Chemical, Energy, Environmental and Refractory Applications**

Michel A. Aegerter, *Germany* Sheikh A. Akbar, *USA* Sukhvindar Badwal, *Australia* Juana Benavente, *Spain* James P. Bennett, *USA* Juergen O. Besenhard, *Austria* Claude A. Degueldre, *Switzerland* Michele Dondi, *Italy* Rodney C. Ewing, *USA* Akira Fujishima, *Japan* Bernd Grambow, *France* Michael Grätzel, *Switzerland* Christian Guizard, *France* Suresh T. Gulati, *USA* Richard A. Haber, *USA* Maria Hepel, *USA* Tatsumi Ishihara, *Japan* Philip R. Jackson, *UK* Vijay Jain, *USA* Lawrence Johnson, *Switzerland* Hiroshi Kawamura, *Japan* John A. Kilner, *UK* Philippe Knauth, *France* W.E. Lee, *UK* Yasumichi Matsumoto, *Japan* Augustin Mcevoy, *Switzerland* Janusz Nowotny, *Australia* Alain Pierre, *France* L. Plomp, *The Netherlands* Kenneth Poepelmeier, *USA* Jia Pu Qian, *P.R. China* Yoshihiko Sadaoka, *Japan* J. Schoonman, *The Netherlands* Johannes Schwank, *USA* Tatsuo Shikama, *Japan* Yasuhiro Shimizu, *Japan* Subhash C. Singhal, *USA* Richard Sisson, *USA* Vito Specchia, *Italy* Toyohiko Sugiyama, *Japan* G. Tomandl, *Germany* Enrico Traversa, *Italy* Eric R. Vance, *Australia* T. Nejat Veziroglu, *Turkey* Jaco H. Visser, *USA* William J. Weber, *USA* Werner Weppner, *Germany* Wojtek D. Wlodarski, *Australia* W.L. Worrell, *USA* Akira Yamaguchi, *Japan* Michio Yamawaki, *Japan* Jackie Y. Ying, *Singapore* Harumi Yokokawa, *Japan* Steven J. Zinkle, *USA*

**SECTION K - Electrical, Magnetic and Optical Ceramics**

Masanori Abe, *Japan* Koji Ando, *Japan* Ami Berkowitz, *USA* Amar S. Bhalla, *USA* Giancarlo Bottoni, *Italy* Guozhong Cao, *USA* R.P.H. Chang, *USA* Sang-Wook Cheong, *USA* Yasuo Cho, *Japan* José Maria De Teresa, *Spain* Pedro Duran Botia, *Spain* Fuxi Gan, *China* Daniel Guyomar, *France* Vincent G. Harris, *USA* Jean-Marie Haussonne, *France* E. Ivers-Tiffée, *Germany* David W. Johnson, *USA* Toshio Kimura, *Japan* Hideomi Koinuma, *Japan* Martine Lejeune, *France* I-Nan Lin, *Taiwan* Thomas O. Mason, *USA* Michael E. McHenry, *USA* Masaru Miyayama, *Japan* Koichi Niwa, *Japan* Takeshi Nomura, *Japan* Toshio Ogawa, *Japan* Luigi Pareti, *Italy* David A. Payne, *USA* R. Ramesh, *USA* Renata Reifeld, *Israel* Nava Setter, *Switzerland* Harry Tuller, *USA* Kenji Uchino, *USA* Roger W. Whatmore, *UK* Eric Yeatman, *UK* Ki Hyun Yoon, *Korea* Seok-Jin Yoon, *Korea* Weiguang Zhu, *Singapore*