

# 50th Anniversary Celebration of the IAQMS

June 30 2017, Salon de Grande Bretagne, Palais de l'Europe, Menton, France

- 08:30**                    **Opening** (J. Michl)
- 08:35**                    **Welcome Address by Representatives of the City of Menton**  
M. Député-Maire Jean-Claude Guibal,  
Mme le Sénateur Colette Giudicelli,  
M. le Premier Adjoint Nicolas Amoretti
- 08:45**                    **Origins of the Academy and Founding Fathers** (Chair: M. Dupuis)  
J.-P. Malrieu                    *From the Early Days of Quantum Chemistry in France to the Foundation of the Academy: Raymond Daudel and Bernard Pullman, Role and Heritage*  
J. Linderberg                    *Per-Olov Löwdin – a Nordic Pioneer in Quantum Molecular Sciences*  
R. Bartlett                    *Quantum Chemistry in the United States and Beyond: Robert Parr's Leadership*  
K. Raghavachari                    *The Academy and John A. Pople's Legacy*
- 10:00**                    **Coffee**
- 10:30**                    **History of the Academy and Past Members** (Chair: H. Nakatsuji)  
J. Jortner                    *The World of Quantum Chemistry: The Menton 1973 First International Congress*  
S. Peyerimhoff                    *Strong Supporters of the Academy: Camille Sándorfy, Nicholas Handy, Björn Roos*  
F. Schaefer                    *Nicholas C. Handy: Great Person, Great Scientist*
- 11:30**                    **International Conference of Quantum Chemistry** (Chair: Zh. Shuai)  
J. Michl                    *Historical Notes on the ICQC*  
Discussion                    *Future of ICQC*
- 12:15**                    **Lunch at La Coupole**
- 14:00**                    **Future of Quantum Molecular Science** (Chair: G. Scuseria)  
G. Chan                    *The Moving Frontier in Quantum Chemistry*  
A. Alavi                    *Projective Stochastic Methods in Electronic Structure Theory*  
P. Schwerdtfeger                    *From the Schrödinger Equation to the Standard Model and Beyond*  
S. Hammes-Schiffer                    *Methods for Integrating Electronic and Nuclear Quantum Effects*  
D. Manolopoulos                    *Path Integrals at the Frontier of Chemical Dynamics*  
B. Mennucci                    *The Future of Multiscale Models: A Quantum Chemical Perspective*
- 16:15**                    **Coffee**
- 16:30**                    **Quo Vadis** (Chair: O. Eisenstein)  
Roald Hoffmann                    *Simulation vs Understanding: A Tension, and not Just in our Profession*
- 17:15**                    **Closing Remarks** (J. Michl)
- 19:00**                    **String Quartet Concert at Royal Westminster**  
Music by Joseph Haydn, Wolfgang Amadeus Mozart and Ludwig van Beethoven  
performed by Liza Kerob (violin), Raluca Marinescu (violin), Federico Hood (viola),  
and Thierry Amadi (cello)
- 19:30**                    **Dinner at Royal Westminster**