

# Tercera Conferencia sobre temas actuales de las Ciencias Básicas



**jueves, 1 de junio de 2023 - viernes, 2 de junio de 2023**

**Teatro del Ministerio de las Comunicaciones**

## **Programa científico**

## Conferencias científicas/ Scientific lectures

Jueves 1 de junio /Thursday, June 1

9:00 – 9:35 Peter Agre Aquaporin water channels during physiological or environmental stress. Johns Hopkins University, Baltimore, MD, USA

9:35 – 10:10 Jennifer Hiscock Supramolecular Self-associating Amphiphiles (SSAs) – A therapeutic technology platform? Plus a surprise. University of Kent, Canterbury, UK

10:10 – 10:45 Angela Wilson Energetics Across the Periodic Table: From Catalysis to Environmental Chemistry. Michigan State University, East Lansing, MI, USA

10:45 – 11:20 Break

11:20 – 11:55 Anton Zeilinger A Voyage through Quantum Wonderland. Austrian Academy of Sciences, Vienna, Austria

11:55 – 12:30 Antonio J. C. Varandas Attitudinal Green Computing: The Dead-End of Brute-Force Ab Initio Computations. University of Coimbra, Coimbra, Portugal

12:30 – 13:05 Lunch

14:00 – 14:35 Erick Garfunkel Rutgers University, Piscataway, NJ, USA

14:35 – 15:10 Carlos Peniche Self-assembled polymer nanoparticles: an attractive platform for delivering drugs and agrochemicals. Universidad de La Habana, La Habana, Cuba

15:10 – 15:45 David MacMillan New Photoredox Reactions. Princeton University, Princeton, NJ, USA

Viernes 2 de junio /Friday, June 2

9:00 – 9:35 Jean – Marie Lehn Perspectives in Chemistry: Towards Adaptive Chemistry. Université de Strasbourg, Strasbourg, France

9:35 – 10:10 Yuriy Roman-Leshkov Harnessing spontaneous electric fields to direct thermochemical catalysis. Massachusetts Institute of Technology, Cambridge, MA, USA

10:10 – 10:45 Jeffrey R. Long Cooperative Adsorption and Gas Separations in Metal–Organic Frameworks. University of California, Berkeley, CA, USA.

10:45 – 11:20 Break

11:20 – 11:55 Agustín Lage – Dávila Inflammation and Aging: Could We Intervene?. Centro de Inmunología Molecular, La Habana, Cuba

11:55 – 12:30 Vicente Vérez - Bencomo Instituto Finlay de Vacunas, La Habana, Cuba