

PROGRAM

Celebrating 100 years since
the publication of five papers
that changed the world

Donostia-San Sebastián
September 5-8, 2005

Albert **Einstein** Annus Mirabilis **2005**

MONDAY September 5

16:00-17:30 Registration

Entrance hall of Kursaal Auditorium

18:00 Official Opening

18:30 Opening Lecture

CLAUDE COHEN-TANNOUDJI

Bose Einstein Condensates: A New Form of Matter

19:30 Chamber Concert

Einstein's Favorite Pieces

21:00 Welcoming Reception

Foyer of Kursaal Auditorium

TUESDAY September 6

09:00 Registration

09:30 ALBERTO GALINDO

Einstein and Time

10:30 RAFAEL REBOLO LÓPEZ

Origin and Evolution of the Universe: The Challenge of Cosmology

11:30 Coffee Break

12:00 AMAND A. LUCAS

*Einstein and Diffusion Phenomena that Changed the Course of
Human Affairs*

13:00 FERNANDO FLORES

Matter and Form

14:00 End of Session

.....

17:30 Registration

18:00 HEINRICH ROHRER

Nano is Different

19:00 JEAN-MARIE LEHN

*Steps Towards Complex Matter: Information, Self-Organization and
Adaptation in Chemical Systems*

20:00 DUDLEY HERSCHBACH

Brownian Motion and Molecular Motors

21:00 End of Session

WEDNESDAY September 7

09:00 Registration

09:30 ANTON ZEILINGER

Einstein and the Quantum World Today

10:30 IGNACIO CIRAC

Quantum Information Theory: Challenges and Perspectives

11:30 Coffee Break

12:00 FRANCISCO JOSÉ YNDURAIN

Relativity, Photons and Particles

13:00 End of Session

17:30 Registration

18:00 SHELDON LEE GLASHOW

What is Unified Theory?

19:00 ANTONY HEWISH

Pulsar Physics and Testing Einstein

20:00 CLIFFORD M. WILL

Was Einstein Right?

21:00 End of Session

THURSDAY September 8

09:00 Registration

09:30 PEDRO PASCUAL

Einstein and the Light Quanta

10:30 CLIFFORD M. WILL

The Confrontation between General Relativity and Experiment

11:30 Coffee Break

12:00 JOSE M. SANCHEZ RON

Einstein and Philosophy in the 20th Century

13:00 End of Session

.....

17:30 Registration

18:00 GERALD HOLTON

Einstein: Who he thought he was, and why he is still so alive today

19:00 ARTHUR I. MILLER

Einstein, Picasso: Space, Time and the Beauty that Causes Havoc

20:00 JOHN JAY STACHEL

Einstein's Greatest Dream —A Background— Independent Physics

21:00 Closing Ceremony