

**HASSAN II ACADEMY
OF
SCIENCES AND TECHNOLOGY**

**MOROCCO-MEXICO MATHEMATICAL
MEETING**

April 6-7, 2026

Monday, April 6

Opening Session

9:00-9:30 **Pr. Omar Fassi-Fehri**
*Permanent Secretary of the Hassan II Academy of Sciences and
technology*
Opening address

Session I

9h30-10:15 **José Seade**
*President of the Academy of Sciences of Mexico and
Institut of Mathematics of UNAM - Mexico*
Modeling the world: a mathematical viewpoint

10:15-10:45 Coffe break

10:45-11:30 **El Hassan Essaky**
Cadi Ayyad University Poly-disciplinary Faculty-Safi-
An overview on BSDEs with stochastic quadratic growth

11:30-12:15 **Abdallah Maichine**
Mohammed V University in Rabat
On the algebra of commuting operators with magnetic translations

12:30 Lunch

Session II

14:00-14:45 **Youssef Ouknine**
Académie Hassan II des Sciences et Techniques
*Arrêt optimal, enveloppe de Snell et décomposition de Doob–Meyer–
Mertens*

14:45-15:30 **Maria de Luz de Teresa**
Institut of Mathematics of UNAM - Mexico
On the controllability of coupled parabolic equations

15:30-16:00 Coffe break

16:00-16:45 **Youssef Hakiki**
Purdue University, USA.
*Fractional Brownian Sheet: Rough-Young integration and change
of variable formula.*

Tuesday, April 7

Session III

- 9:15-10:00** **Hamid Bounit**
University Ibnou Zohr, Agadir
Well -posedness for a class of an imput Volterra integro-differential systems
- 10:00-10:30** **Coffe break**
- 10:30-11:15** **Salvador Pérez Esteva**
Institut of Mathematics of UNAM - Mexico.
Spectral Asymptotics for the Dirichlet to Neumann Operator on the Sphere
- 11:15-12:00** **Jawad Snoussi**
Institut of Mathematics of UNAM - Mexico.
On tangency at singular points of algebraic and analytic varieties
- 12:15** **Lunch**