



COLLÈGE
DE FRANCE
—1530—

Chaire Pierre-Louis Lions

ÉQUATIONS AUX DÉRIVÉES PARTIELLES ET APPLICATIONS



Kinetics, Fluids, Waves : PDE Symposium in honor of Claude Bardos' 85

Date: Friday **11 april 2025**, 9h45 – 12h30 and 14h – 16h – 17h

Place: **Pl. Marcelin Berthelot 11**, 75231 Paris, **salle 5** “amphithéâtre Mireille Delmas-Marty“

Zoom: link = <https://zoom.us/j/91955105283?pwd=oL81QNHxYNDD8BAxfzSrzevBCvSFXt.1>

Registration is free, but mandatory; **by e-mail to** : bardos85fest@gmail.com

Organizers: **Pierre-Louis LIONS** (Collège de France)
Véronique SAINZ (Collège de France)
François GOLSE (CMLS Ecole Polytechnique)
Norbert J. MAUSER (Inst. CNRS Pauli & WPI Vienna)
Anna ROZANOVA-PIERRAT (MICS CentraleSupélec)

Programme:

9h45 Welcome talk **François Golse** “*Kinetic Claude*”
10h15 Talk **Pierre-Louis Lions** “*Remarks on High Dimensions*”
11h00 **Coffee break**
11h30 Talk **Norbert J. Mauser** “*Quantum Claude*”
12h00 Talk **Olivier Pironneau** (LJLL) “*The Mathematics of the Earth’s Greenhouse Effect*”
12h40 **Lunch break**
14h20 Talk **C. David Levermore** (U.Maryland) “*Fluid Dynamics beyond Navier-Stokes*”
15h00 Talk **Jeffrey Rauch** (U.Michigan) “*Observations on Observation of Waves*”
15h40 **Mot final:** **Claude Bardos**
16h “*Le pot qui suit*” : champagne sur canapés

At the occasion of his 85th birthday, we celebrate Claude Bardos and his contributions to science and society. Several close collaborators/friends present joint results and perspectives for the future.

After his PhD under Jacques-Louis Lions in 1969, Claude became a pillar of French/European mathematics, working on (asymptotic analysis of) PDE, with focus on kinetic & hydrodynamic equations, and with emphasis on true applications in physics & engineering. Among his many distinctions we mention the Grand Prix Marcel Dassault and the ICIAM Maxwell prize (that he received at the ICIAM 2019 from the Spanish king Felipe VI.)



COLLÈGE
DE FRANCE
—1530—

