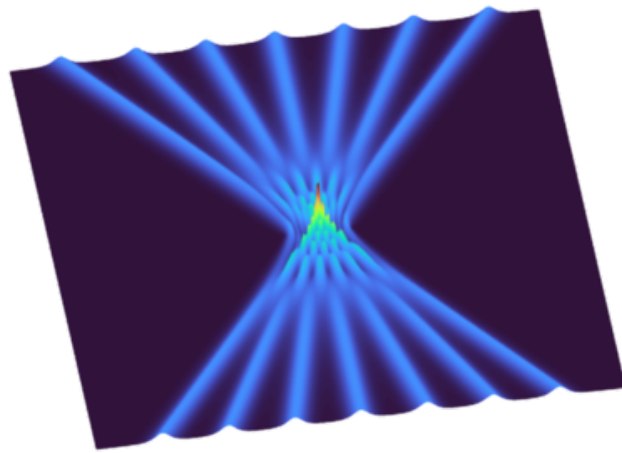


# DISPERSIVE INTEGRABLE EQUATIONS: PATHFINDERS IN HAMILTONIAN PDE



**lundi 15 juin 2026 - vendredi 3 juillet 2026**

**Institut Henri Poincaré**

## **Programme Scientifique**

## Introductory lectures

June 15 to 19, IHP, Amphithéâtre Choquet-Bruhat - Perrin building

*Deniz Bilman* (Cincinnati) and *Ken McLaughlin* (Tulane): **The Riemann–Hilbert method.**

*David Damanik* (Rice) and *Milivoje Lukic* (Emory): **Integrable systems with ergodic initial data.**

*Ben Harrop-Gri ths* (Georgetown) and *Maria Ntekoume* (Concordia): **The method of commuting flows and its applications to optimal well-posedness.**

*Patrick Gérard* (Orsay) and *Enno Lenzmann* (Basel): **Explicit formulae for nonlocal integrable PDEs and applications.**

*Manuela Girotti* (Emory) and **Bob Jenkins** (Florida): **Soliton gases.**

**Workshop: Modern methods, techniques & results in dispersive integrable equation**

June 22 to 26, IHP, Amphithéâtre Choquet-Bruhat - Perrin building

### Speakers

Marco Bertola, Yvonne Alama-Bronsard, Rana Baddredine, Deniz Bilman, Andrea Chapouto, Bob Jenkins, Rupert Frank, Louise Gassot, Jiao He, Thierry Laurens, Katie Marsden, Ola Maehlen, Guido Mazzuca, Alexander Minakov, Matthew Nicoletti, Peter Perry, Alex Tovbis, Matthew Mitchell

Invited lectures & talks: from June 29 to July 3, IHP, Amphithéâtre Choquet-Bruhat - Perrin building