

# Journée EDP / PDE day

**Mardi 4 juin 2013 / 2013, Tuesday June 4.**

**Poitiers.**

**Laboratoire de mathématiques et applications.**

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10:00-10:45 Jerry Bona (University of Illinois at Chicago)

"Higher-order Approximations to the Water-Wave Problem"

Pause / Break

11:15-12:00 Gisèle Ruiz Goldstein (University of Memphis)

"Chaos for the Black-Scholes and Heat Equations"

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14:00-14:45 Hongqiu Chen (University of Memphis)

"Well-posedness of Nonlinear Dispersive Equations"

Pause / Break

15:15-16:00 Jerry Goldstein (University of Memphis)

"The inadequacy of the Principle of Linearized Stability and Instability, and how our favorite nonlinear parabolic equation leads to the inverse square potential".

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