WORKSHOP

A Nonlocal PDEs Day

at *Departamento de Matemáticas* UAM

On Thursday December 10th, 2015, at 10:15
in Room 520 of the Departamento de Matemáticas

Main Speakers

Gabriele Grillo (Politec. Milan, Italy)

Espen Jakobsen (Norwegian University of Science and Technology, Trondheim, Norway)

Arturo de Pablo (UC3M, Madrid, Spain)

José Luis Torrea (UAM, Madrid, Spain)

Bruno Volzone (Univ. Naples, Italy)

Speakers

Jørgen Endal (Norwegian University of Science and Technology, Trondheim, Norway)

Diana Stan (UAM, Madrid, Spain)

Organizers

Matteo Bonforte and Fernando Quirós (UAM, Madrid, Spain)

Sponsors

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Program

10:15-10:30: Opening: *Juan Luis Vázquez* (UAM, Madrid, Spain)

10:30-11:15: *José Luis Torrea* (UAM, Madrid, Spain)
　　　　　"Discrete and time fractional nonlocal equations"

11:15-11:45: Coffee break

11:45-12:30: *Espen Jakobsen* (NUST, Trondheim, Norway)
　　　　　"On non-local quasi-linear PDEs and their local limits"

12:30-13:00: *Diana Stan* (UAM, Madrid, Spain)
　　　　　"The Fisher-KPP equation with nonlinear fractional diffusion"

13:00-14:15: Lunch

14:15-15:00: *Bruno Volzone* (Univ. Naples, Italy)
　　　　　"A review of symmetrization methods for nonlocal PDEs"

15:00-15:45: *Arturo de Pablo* (UC3M, Madrid, Spain)
　　　　　"Nonlocal filtration equations with rough kernels"

15:45-16:00: Break

16:00-16:45: *Gabriele Grillo* (Politec. Milan, Italy)
　　　　　"On some weighted fractional porous media equations"

16:45-17:15: *Jørgen Endal* (NUST, Trondheim, Norway)
　　　　　"On the duality between Hamilton-Jacobi-Bellmann and
　　　　　convection-diffusion equations"