

# Nonlinear P.D.E. Days 2011 Cologne

## October 4 & 5

Prof. Bernard Dacorogna (Lausanne):

The pullback equation for differential forms,

Oct. 4, 14.00h



Prof. Gabriella Tarantello (Roma):

Extremal functions and symmetry breaking  
in Caffarelli-Kohn-Nirenberg inequalities,

Oct. 4, 15.00h



Prof. Cristina Trombetti (Napoli):

The longest shortest fence and sharp Poincaré-  
Sobolev inequalities, Oct. 4, 16.30h



Prof. Colette De Coster (Valenciennes):

Lower and upper solutions for elliptic problems  
in nonsmooth domains, Oct. 5, 9.00h



Prof. Mabel Cuesta (Calais):

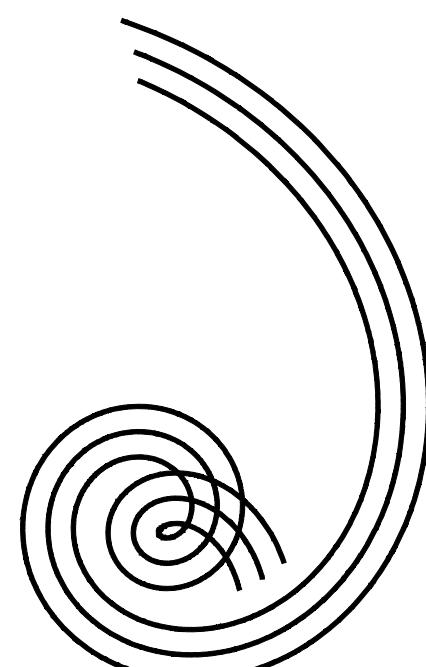
Multiplicity results for quasilinear elliptic problems  
involving the p-Laplacian, Oct. 5, 10.00h



Prof. Giuseppe Buttazzo (Pisa):

Evolution of domains by spectral flows,

Oct. 5, 11.30h



Organised by Bernd Kawohl & Guido Sweers,  
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jointly with Frankfurt-Giessen-Karlsruhe.  
See <http://www.mi.uni-koeln.de/PDEdays>