

# 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,  
Mathematical Institute, University of Cologne,  
jointly with Frankfurt-Giessen-Karlsruhe.  
See <http://www.mi.uni-koeln.de/PDEdays>

