Abstract:

In this talk I will define a new form of maximal regularity called maximal gamma-regularity.
1. I will introduce the spaces one requires for this notion.
2. I will discuss the connections with maximal L^p-regularity
3. I will discuss the connections with maximal L^p-regularity for stochastic PDEs.
This work is based on joint work with Jan van Neerven and Lutz Weis
http://arxiv.org/abs/1209.3782