

1096-35-1024      **Hans G Kaper\*** (kaper@mcs.anl.gov). *MPE2013 and Reaction-Diffusion Problems.*

The year 2013 was dedicated to "Mathematics of Planet Earth" (MPE2013). The dual mission of MPE2013—stimulating the mathematics research community and reaching out to the general public—was reflected in the Daily Blogs (one in English, the other in French), each of which featured some 300 posts on a wide variety of topics, ranging from conference announcements and workshop reports to short articles on topics from astronomy to uncertainty quantification. In this talk I will discuss some of the posts on problems involving reaction-diffusion equations and their relevance for the MPE themes. (Received September 12, 2013)