

Mark Veraar

Technical University Delft, Netherlands

The role of vector-valued function spaces in evolution equations

For many years vector-valued function spaces have played an important role in the analysis of partial differential equations. In the talk I will give an overview of this topic, and present several recent developments. In particular, I will discuss new results on trace theory and interpolation theory of vector-valued function spaces, and present new regularity properties for solutions to PDEs.