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Geometric approach to multipeakons

In my talk I will be speaking about multipeakon solutions of the Camassa–Holm equation modelling waves phenomena on shallow water channels. I will review recent results on collisions, their lack as well as prolongation of multipeakons past the collision time in a dissipative way. My talk will be based on a recent geometric approach started in our paper with M. Gaczkowski, M. Kubkowski and M. Małogrosz as well as very fresh results by W. Kryński.