1125-35-775 Mihaela Ifrim* (ifrim@math.berkeley.edu) and Daniel I Tatarutataru@berkeley.edu.

Long time dynamics for several water waves related models.

The aim of the talk is toward better understanding the long time dynamics of solutions for several water waves related model problems. We will first discuss local well posedness and then revisit the (almost) global exitence questions for small localized data. (Received September 11, 2016)