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Joseph Zielinski* (jziel12@uic.edu). *Locally Roelcke precompact Polish groups.*

We consider the property of local Roelcke precompactness. The groups with this property form a proper subclass of the locally (OB) groups, while still generalizing both the Roelcke precompact and the locally compact Polish groups. We consider examples and properties of such groups, and of a related object, the ideal of relatively Roelcke precompact subsets, for an arbitrary Polish group. (Received February 15, 2016)