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### **THORBEX - The Thorbjörn precipitation field experiment in SW-Iceland**

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During the autumn of 2014, precipitation was observed by a dense network of automatic raingauges covering the 243 m high and steep mountain in the Reykjanes peninsula in SW-Iceland. The experiment is backed by continuous radar observations of winds and precipitation, radiosondes every 12 hours at the nearby Keflavik airport and a number of automatic weather stations. In the presentation, the observed precipitation pattern will be shown under different atmospheric flow conditions.