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Vadim Kaimanovich* (vadim.kaimanovich@gmail.com). *Free and totally non-free boundary actions*. Preliminary report.

I will outline recent results (joint with Anna Erschler) on the stabilizers of the group action on its Poisson boundary: existence of a free boundary action for any group with infinite conjugacy classes, a complete description of the possible kernels of such actions, and an example of a totally non-free boundary action. (Received September 15, 2019)