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Ming Xiao* (mingxiao@illinois.edu), 1409 W.Green Street, Urbana, IL 61801, and **Yuan Yuan**. *Holomorphic isometries from the unit ball into the irreducible classical bounded symmetric domain.*

We will talk about local holomorphic isometries from the unit ball into the irreducible classical bounded symmetric domain, in particular of type IV. We will present a classification result of such holomorphic isometries up to automorphisms in the maximal dimensional case. We also discuss some phenomena of such mappings in contrast with proper mappings between balls. In particular, we will give an answer to a question regarding boundary singularities raised by Mok. It is a joint work with Y. Yuan. (Received January 14, 2016)