1095-46-118 Asuman G. Aksoy* (aaksoy@cmc.edu), Claremont, CA 91711, and Zair Ibragimov (zibragimov@fullerton.edu), Fullerton, CA 92831. The Urysohn Universal Space and Hyperconvexity. Preliminary report.

In a paper published posthumously, Pavel Samuilovich Urysohn constructed a complete, separable metric space that contains an isometric copy of every complete separable metric space. In this talk we examine the relationships between the Uryshon universal space, the notion of hyperconvexity and Isbell's construction of hyperconvex hull of metric spaces. We prove that the Uryshon universal space is hyperconvex. (Received September 04, 2013)