1128-15-323 **Jerzy Kocik*** (jkocik@siu.edu), Department of Mathematics, Southern Illinois University, Carbondale, IL 62901. *Circles in configuration: from geometry to physics.* Preliminary report.

New and old results concerning the correspondence between the Minkowski space and the set of spheres in the Euclidean space will be reviewed. This will include certain intriguing analogies with formalisms native to theoretical physics and some outstanding problems. (Received February 28, 2017)