1139-52-277 **Deborah Oliveros*** (`dolivero@matem.unam.mx`), Instituto de Matematicas UNAM, CU. Coyoacan, 04510 Mexico, Queretaro, Mexico, and **Tibor Bisztriczky** (`tbisztri@ucalgary.ca`), Mathematics & Statistics, 612 Campus Place N.W, Calgary, AB T2N 1N4, Canada. *Bodies of constant width and Meissner n-polytopes.* Preliminary report.

In 1911 it appeared for the first time in a catalogue of mathematical models produced by Martin Schilling the first non-rotational body of constant width defined by E. Meissner. Such body consist in a series of modifications of the Reuleaux tetrahedron. In this talk, we will discuss some families of n-dimensional self-dual polytopes that may yield into examples of bodies of constant width in any dimension. (Received February 13, 2018)