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**Egon Schulte\*** ([schulte@neu.edu](mailto:schulte@neu.edu)), Egon Schulte, Department of Mathematics, Northeastern University, Boston, MA 02115. *Locally Unitary Groups and Regular Polytopes*. Preliminary report.

We employ complex groups generated by involutory reflections to classify locally toroidal regular polytopes of rank 4. In this context, a finite unitary group yields a finite universal polytope, and vice versa. This is joint work with Peter McMullen. (Received October 02, 2000)