Areal foliation and asymptotically velocity-term dominated behavior in $T^2$ symmetric spacetimes with positive cosmological constant
ADAM CLAUSEN, JAMES ISENBERG, University of Oregon — We prove a global foliation result, using areal time, for $T^2$ symmetric spacetimes with a positive cosmological constant. We then find a class of solutions that exhibit asymptotically velocity-term dominated behavior near the singularity.