Abstract: We will consider an action of the two-torus $T^2$ on Eschenburg's Pseudoflag, which makes it to a GKM manifold. From different descriptions of the Pseudoflag we will define geometric structures on it (like almost complex structures, symplectic or Kähler structures) and study when such a structure is invariant under the action of the two-torus. Some of the results can be generalized to other biquotients.

This is joint work with Oliver Goertsches and Leopold Zoller.