David Futer* (dfuter@temple.edu), Philadelphia, PA 19122. The geometry of fibered knots and links.

A knot complement in $S^3$ is called fibered if it has a map to $S^1$ without critical points, or equivalently if there is a Seifert surface $F$ whose complement is homeomorphic to $F \times I$. For hyperbolic knots, a lot of the geometry of the knot complement can be predicted from the structure of the fibration. I will survey some of what is known on this topic, as well as some open problems. (Received September 18, 2018)