

---

**WILLIAM JACO**, Oklahoma State University  
*Minimal triangulations of certain 3-manifolds*

We identify minimal triangulations of certain 3-manifolds and specifically will show that a minimal triangulation of the product  $S_g \times [0, 1]$  where  $S_g$  is a closed, orientable surface of genus  $g$  is  $10g - 4$ . Furthermore, any such minimal triangulation is an inflation of a join with a minimal triangulation of the surface  $S_g$ .