1117-57-248 **Huygens Ravelomanana\*** (ravelomanana@uga.edu). Exceptional Cosmetic Surgeries on  $S^3$ . Two distinct Dehn surgeries on the same knot are called cosmetic if they produces homeomorphic 3-manifolds. The knot cosmetic surgery problem asks if cosmetic surgeries do exist. One of my result is that the slope of an exceptional truly cosmetic surgery (if it exists) on a hyperbolic knot in  $S^3$  must be  $\pm 1$  and the surgery must be toroidal but not Seifert fibred. I will talk about this and some of it consequences. (Received January 15, 2016)