1147-57-600 **Seonmi Choi*** (csm123c@gmail.com) and **Yongju Bae** (ybae@knu.ac.kr). *On some relationship between 4-regular planar graphs and surface-links.*

A marked graph diagram can be obtained from a 4-regular planar graph by adding markers at some vertices and giving the over/under information at the other vertices. If the marked graph diagram is admissible, then one can obtain the surface-link in a 4-dimensional space, presented by it. In this talk, we will study some properties of surface-links obtained from 4-regular planar graphs. (Received January 27, 2019)