

## ***A short survey on properly colored connectivity of graphs***

**Shinya Fujita**  
**Yokohama City University**

**Time: Oct. 18th, 14:00 - 15:00**

**Zoom meeting ID: 889 7820 6606 Password: 121323**

**Link: <https://zoom.com.cn/j/88978206606>**

**Abstract:** We consider edge-colored connected graphs. An edge-colored graph is called properly colored if no two adjacent edges share a color. We say that an edge-colored graph is properly connected, if between every pair of distinct vertices, there exists a properly colored path connecting them. In this talk, we focus on edge-colored graphs that are properly connected and some recent results in this topic will be reviewed.