

## ***11/4-COLORABILITY OF SUBCUBIC TRIANGLE-FREE GRAPHS***

**Bernard Lidicky**  
**Iowa State University**

**Time: Thursday, Apr. 8th, 10:00 - 11:00**

**Zoom meeting ID: 827 7688 7319 Password: 121323**

**Link: <https://zoom.com.cn/j/82776887319>**

**Abstract:** We prove that every connected subcubic triangle-free graph except for two exceptional graphs on 14 vertices has fractional chromatic number at most  $11/4$ .

This is a joint work with Zdenek Dvorak and Luke Postle.