1144-13-70 **Toshinori Kobayashi** (m16021z@math.nagoya-u.ac.jp), Furocho, Chikusaku, Nagoya, Aichi 464-8602, Japan, and **Ryo Takahashi*** (takahashi@math.nagoya-u.ac.jp), Furocho, Chikusaku, Nagoya, Aichi 464-8602, Japan. Ulrich modules over Cohen-Macaulay local rings with minimal multiplicity.

Let R be a Cohen-Macaulay local ring, and assume that R has minimal multiplicity. In this talk, we explore generation of Ulrich R-modules, and clarify when the Ulrich R-modules are precisely the syzygies of maximal Cohen-Macaulay R-modules. We also investigate the structure of Ulrich R-modules as an exact category. (Received August 09, 2018)