

*Workshop*

***Stellar End Products: The Low Mass - High Mass Connection***

*ESO Garching, 6-10 July, 2015*

**Gesicki, Krzysztof**

**Title:**

Weak emission line stars in multipolar planetary nebulae

**Abstract:**

While analysing 37 Galactic bulge PNe we noticed that nebulae surrounding central stars of wels-type are predominantly multipolar (evidently more than bipolar). This correlation is not fully consistent nevertheless it is remarkable: all 5 wels objects in our sample show multipolar structure while from remaining 4 multipolars 3 central stars show weak emission lines while only one star shows no emissions at all. The 6 regular bi-lobed objects from our sample do not show the emissions characteristic for wels. Considered will be the context of stellar winds, mass-loss and circumstellar disks.