**The title of your lecture**

Name Family #

Institute of Quasicrystals and Strongly Correlated Electron Systems, Name of University, City Address 980-0000, Country

#Corresponding author: emailaddress@xxx.yyy.zz

A quantitative analysis is performed on phasons in the ternary compound, A40B12C48, which has been claimed to be the first strongly correlated quasicrystal [1]. The set of two-dimensional coordinates of A atoms in the atomic resolution Z-contrast STEM image [1] is analyzed with the method proposed in [2] to quantify the linear as well as random phason components in the structure.

**Ackhowledgements:** I am grateful to Somebody for Something.

[1] A. Author, B. Author and C. Author, J. QSC. **1** (2019) 15.

[2] D. Author and E. Author, Journal of Something, **50** (1989) 742.

**Fig.2:** The figure of Y.

**Fig.1:** The image of X.