Instructions for Preparation of Abstract

* Word (DOC, RTF)
* Paper size: A5
* Margins: top and bottom - 2cm, left - 3cm, right - 1.5cm
* Font: Times New Roman, 11pt
* Single line spacing
* Total size: from 0.5 page to 1 page
* No tables and literature and hyperlinks and figures
* Formulas should be typed in text (preferably) or in Microsoft E quation 3
* Supply a copy of abstract in PDF format.
* The text of abstract should be prepared as follows:

Title in capital letters, boldface, centered;
Authors: initials, surname, boldface and italic, centered;
Affiliation, city and country name, italic;
E-mail of the principal author, italic;
Text of abstract, regular font;
Paragraphs with indentation of 1.25cm.

A POSSIBLE MASSIVE ASTEROID BELT AROUND ζ LEPORIS

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We have used the Keck I telescope to image at 11.7 and 17.9 μm the dust emission around ζ Leporis, a main-sequence A-type star at 21.5 pc from the Sun with an infrared excess. The excess is at most marginally resolved at 17.9 μm. The dust distance from the star is probably <=6 AU, although some dust may extend to 9 AU. The mass of observed dust is ~1022 g. Since the lifetime of dust particles is about 104 year because of the Poynting-Robertson effect, we robustly estimate at least 1026 g must reside in parent bodies, which may be asteroids if the system is in a steady state and has an age of ~300 Myr. This mass is approximately 200 times that contained within the main asteroid belt in our solar system.