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# The light-time travel effect in Type-II Cepheids

Martin Groenewegen\*<sup>1</sup> and Monika Jurkovic

<sup>1</sup>Koninklijke Sterrenwacht van België (KSB) – Belgium

## Abstract

Type-II Cepheids contains different sub-classes of variables depending on period. The W Vir class are thought to be related to AGB evolution. The peculiar W Vir have been suggested to be in binary systems, while the RV Tau are thought to be post-AGB stars. In recent works Groenewegen and Jurkovic constructed and analyses the SEDs of all OGLE-III Type-II and Anomalous Cepheids in the Magellanic Clouds. Stars with IR excess were found at luminosities incompatible with single-star evolution.

In addition the light-time travel effect was investigated to look for new binary candidates. Some were found, and also stars that apparently show large period changes.

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\*Speaker