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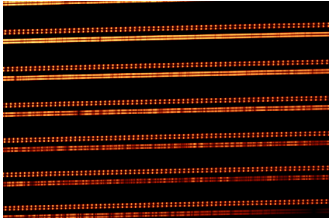
The CARMENES Final Design Review gets close

The review will be on 19-20 February 2013 at the Instituto de Astrofísica de Andalucía



Granada. By the end of February, the CARMENES project will be reviewed by an external panel of international experts in astronomical instrumentation. Representatives of the major funding bodies will also participate in the review. The FDR documentation set, with over 2000 pages, contains all the information for building the spectrograph, from the detectors, through the calibration units, to the pipeline computers.

Improvements of the Fabry-Pérot wavemeters



Göttingen. Mathias Zechmeister presented the first synthetic spectra of the IAG Fabry-Pérot etalon and a Phoenix Cond model of a star with $T_{\text{eff}}=3000$ K, $\log g = 5.0$ and $Z=0.0$.

Order of VIS camera



Almería/St. Gallen. The VIS camera order was recently put in place. After a visit by Walter Seifert and Wenli Xu, the Swiss company Fisba Optik AG was chosen for the manufacture.

Receipt of the engineering-grade NIR detector at MPIA



Heidelberg. As illustrated by the figure above, the engineering grade Hawaii-2RG from Teledyne arrived in Heidelberg in good order and is ready to start being tested.

SPIE paper published

CARMENES. I: Instrument and Survey Overview

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Amsterdam. CARMENES. I: instrument and survey overview, by Quirrenbach, Amado, Seifert et al. (2012, SPIE, 8446, E0R), eventually appeared in the ADS. It includes all the consortium members as co-authors.

8th CARMENES meeting in Madrid



Madrid. Over 30 of us met at the end of November at the headquarters of the Spanish CSIC, in the centre of Madrid. It was our last chance to meet before the Final Design Review next February.



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Blau Erden bei roten Zwerg

Deutschlandfunk

Wir über uns Programmvorschau Frequenzen

STERNZEIT

16.10.2012



Das Observatorium auf dem Calar Alto in Andalusien (Bild: MPIA)

↔ Blaue Erden bei roten Zwergen

Von Dirk Lorenzen

Die Astronomen haben schon etwa eintausend Planeten bei fernen Sternen entdeckt, doch darunter ist kein erdähnlicher Planet - also keine felsige Kugel, die die richtige Temperatur für flüssiges Wasser hat.

Köln. *Deutschlandfunk*, a national network of *Deutschlandradio*, the German public radio broadcaster, dedicated a few minutes to present the CARMENES project to listeners throughout Germany. The title of the space was "Blue earths near red dwarfs".



Long Beach. On 6-10 Jan 2013 in Long Beach, California, Andreas Quirrenbach will present a poster on CARMENES during the 221st meeting of the American Astronomical Society

Heidelberg/Madrid/Granada. The NIR camera will be ordered very soon. Next, it will be the turn for the collimator mirrors and grisms for the two channels. After FDR, we will order the vacuum tanks, optical benches, image slicers...



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