



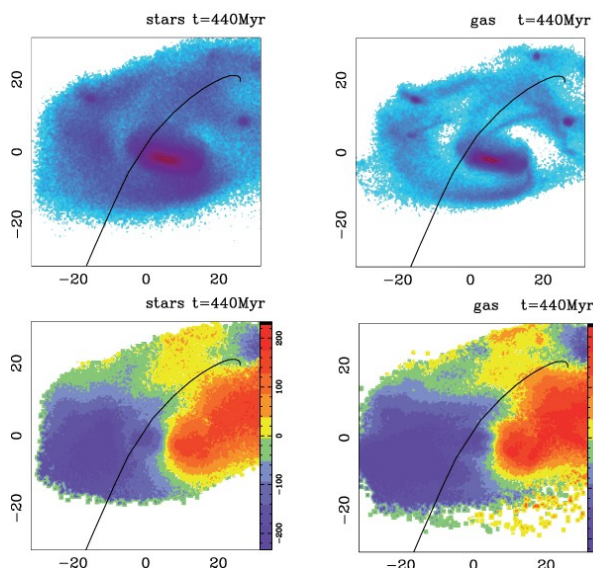
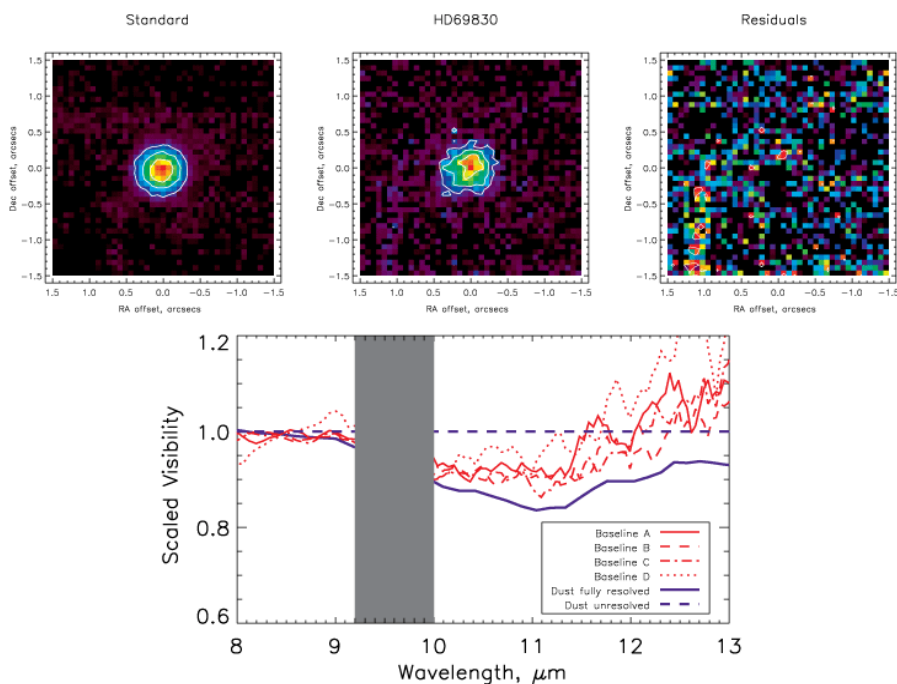
HIGHLIGHTS: this week in A&A

Volume 503-1 (August III 2009)

In section 10. Planets and planetary systems

"Resolving the hot dust around HD69830 and ϵ Corvi with MIDI and VISIR", by R. Smith, M.C. Wyatt, and C.A. Haniff, *A&A* 503, p. 265

Known debris disks exhibit cool dust in regions analogous to the Edgeworth-Kuiper Belt. A rare subset also shows hot excess from within a few AU. In this issue, Smith, Wyatt and Haniff use MIDI/VLT observations of stars HD69830 and ϵ Corvi to image the hot inner disks of main-sequence stars for the first time.



In section 4. Extragalactic astronomy

"Molecular gas in Nuclei of GALaxies (NUGA). XII. The head-on collision in NGC 1961", by F. Combes et al., *A&A* 503, p. 73

The article by Combes and collaborators highlighted in this issue is no 12 in the NUGA series of studies of the kinematics of nearby galaxies using the IRAM Plateau de Bure interferometer. This work puts emphasis on the effects of galaxy collisions and mergers, and this particular article shows the results of galaxy collision simulations used to interpret CO observations of the disk galaxy NGC 1961. The collision hypothesis is supported both by a radio continuum source in the south-west of the galaxy and a steep gradient in the CO velocities at around the same position.