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The active Sun and its implication for the heliosphere  
oral preferred

### **On the propagation of a CME in the heliosphere**

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We have developped a new method to geometrically localize the CME position in the heliosphere by using the the SECCHI/COR data and SOHO/LASCO data. This method is compared to the forward-modelling GCS model. We have applied it to one CME event with its source region associated to a solar flare. The trajectory of the CME is determined by applying the method to a series of image sets COR+LASCO. It turns out that the CME was expelled in the direction of planet Venus. The prediction of the arrival time at VENUS is estimated from the propagation of the CME. The responses of the VENUS atmosphere to this CME are also discussed in terms of the magnetic field and plasma structures.