

TRANSIT OF MERCURY PREPARING FOR VENUS

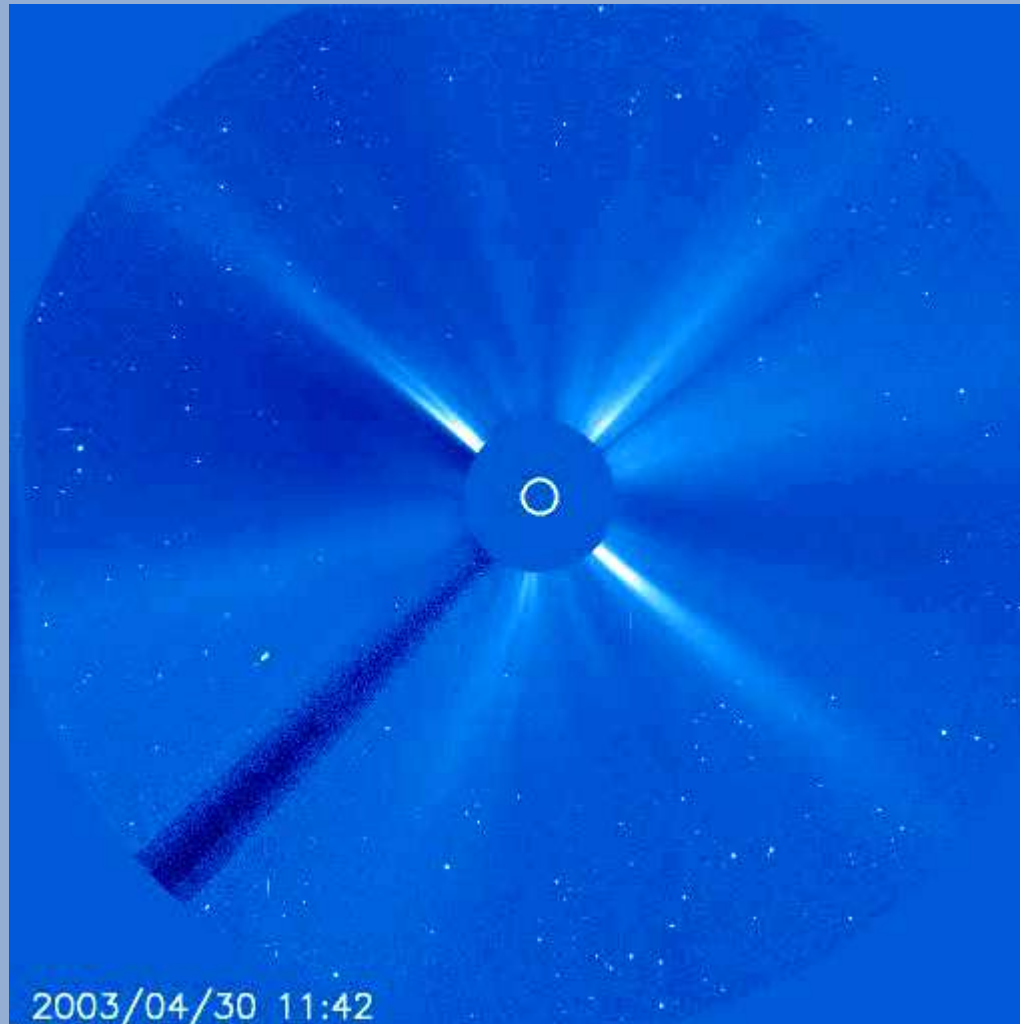
Günther Wuchterl, MPE

2003 Preparations

- ESA/SOHO efforts for quasi live relay from the spacecraft
- Template Web-page (german/english)
- Public observations at various institutions
- Setup of local nodes for live obs. network
- Linking the Network via WWW; mirrors
- Media-warmup: Evening vis., LASCO

Mercury approaching Transit: SOHO/LASCO C3

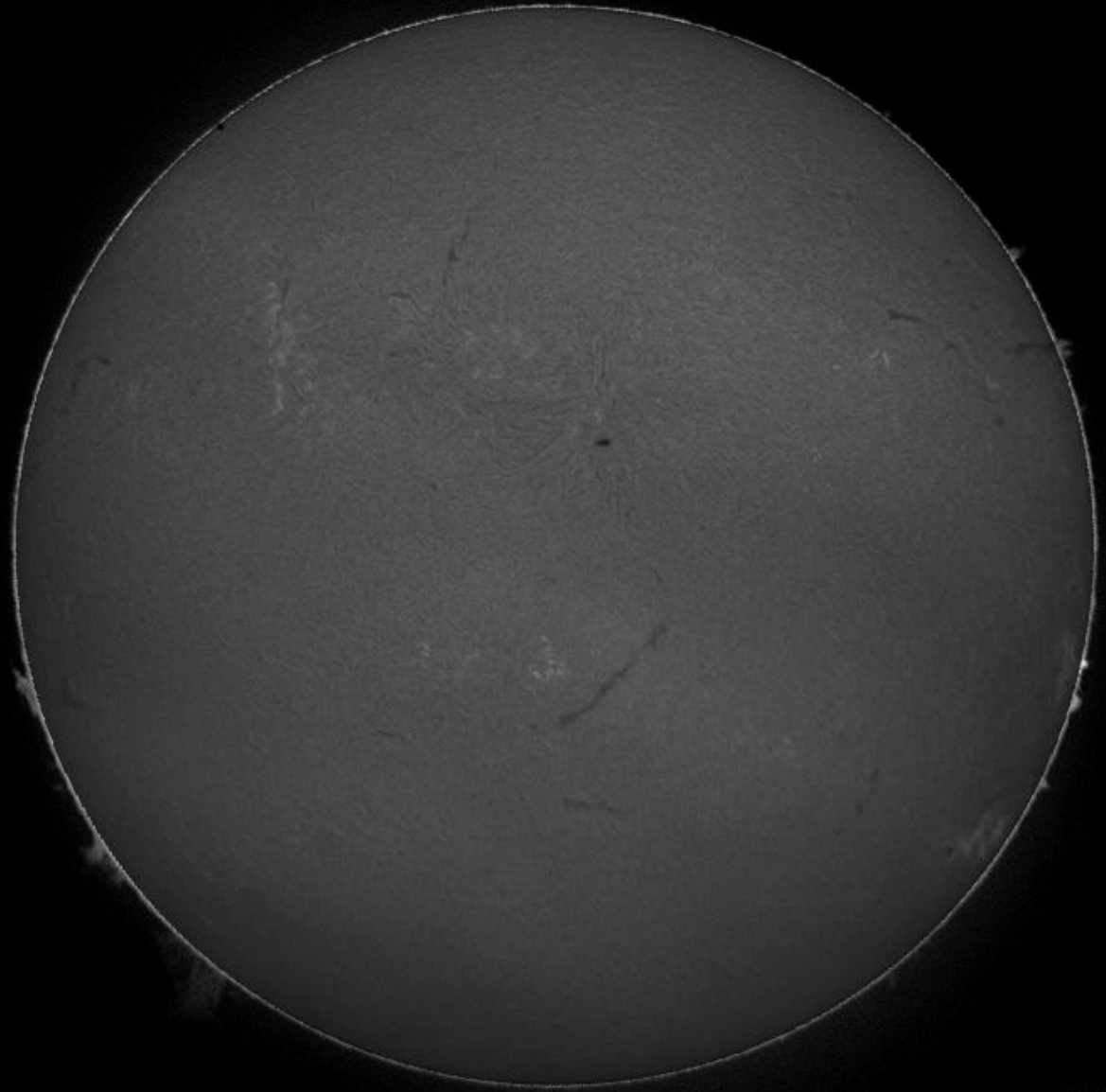
Mercury



KANZELHOEHE SOLAR OBSERVATORY (Austria)

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100000 km

Transit of
Mercury, May
7th 2003
as seen by the
Kanzelhöhe
Solar
Observatory in
H α

The Transit in Vienna

- Kuffner-Observatory, public observations with 125 visitors
- 2 min on state-TV with exoplanet context
- Up to double sided reports in daily newspapers

Groundbased Network

- Semi-self-organising, good coverage
- Animations at 16h too late for evening TV news (14h the latest)
- Digital formats not yet convenient for TV people (national news starting cutting digital now, but „our“ formats „foreign“)

SOHO ---- the movie

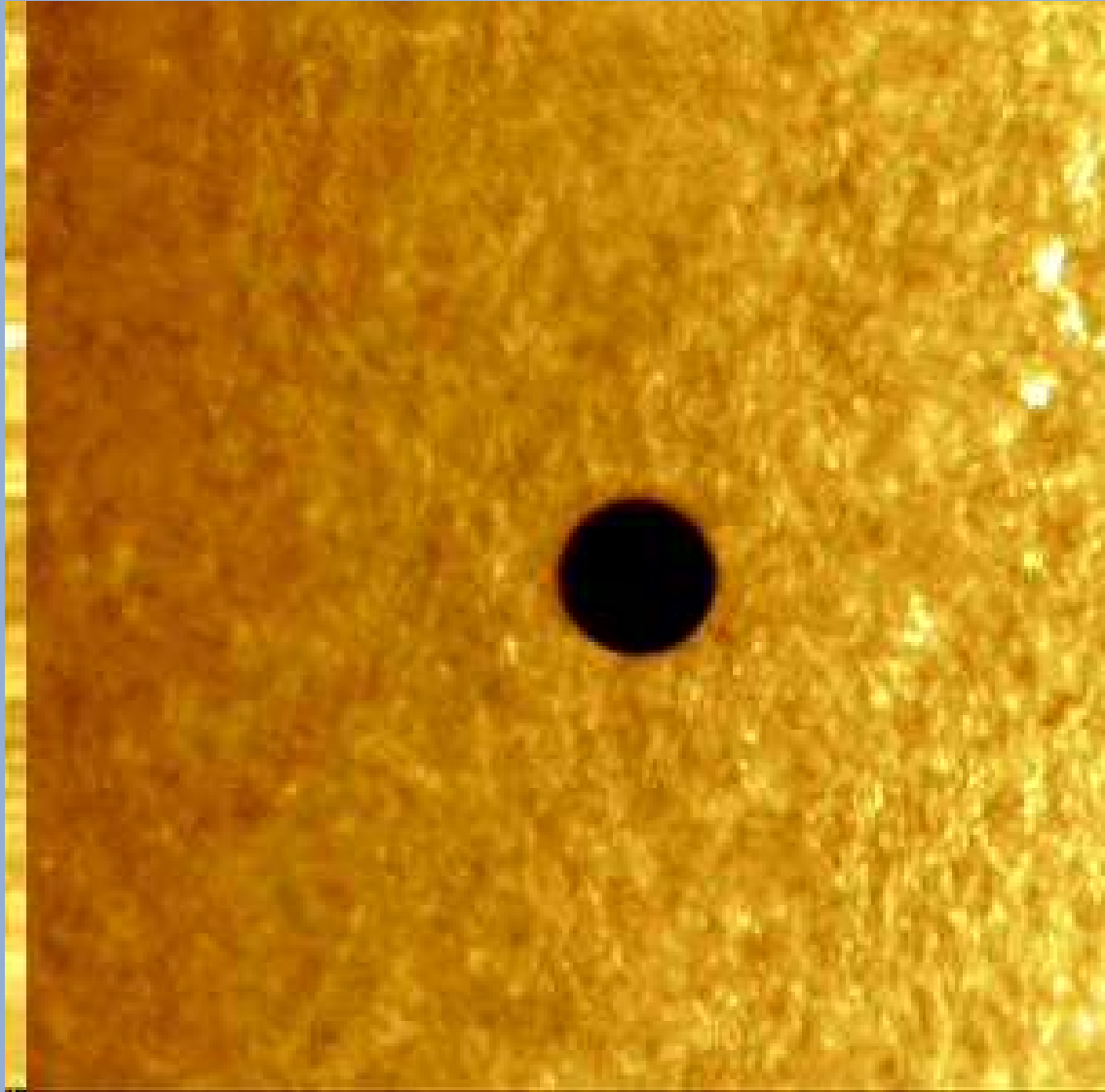
Quicktime, made available via ftp, since ESA-TV satellite
unfeasable in time

SOHO – the movie

SOHO

- 2 months short for PR-technical prep.
- approaches in LASCO good for PR
- Websites (both, ESA and NASA) „dead“ at ~7h, i.e. before ingress as seen from earth
- Event and DSN delay
- Movie via ftp: Formats
- Venus 2004 transiting the corona

Swedish Solar Telescope



Other Instruments

- H α network should be wide
- TRACE: Interesting but due to orbital parallax difficult for public understanding
- SST: Venus will be even more dramatic
- Black drop by Webcast from AmaTels.

ESA-TV 2004

- Relay transit realtime/movies and
- COROT anims and background

Strategy 2004

- ESO has big plans including schools and the parallax
- More than the english template this time?
- Connecting the local events?
- Special COROT-PRs?

NUR NOCH 25 SEITEN