

Passage de Vénus du 8 Juin 2004

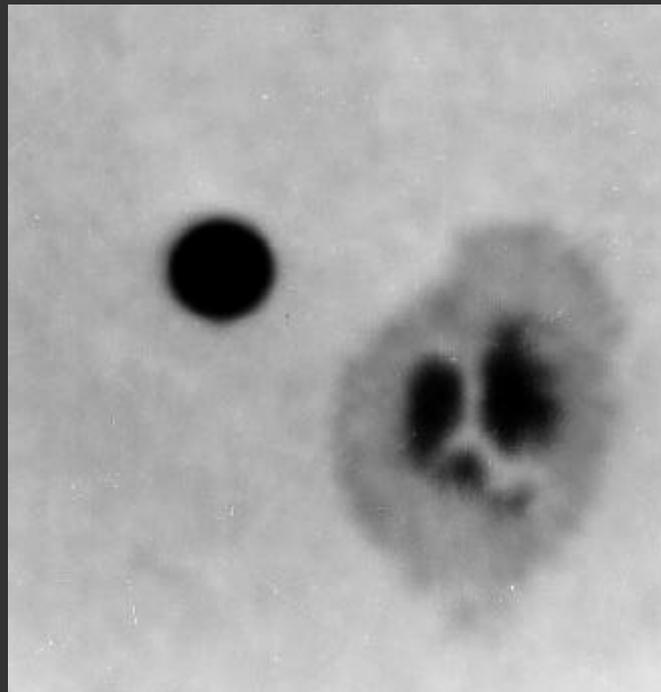
Une opération européenne

ESO

EAAE (European Association for Astronomy Education)

IMCCE, LESIA

Observatoire de l'Académie des Sciences de la République Tchèque



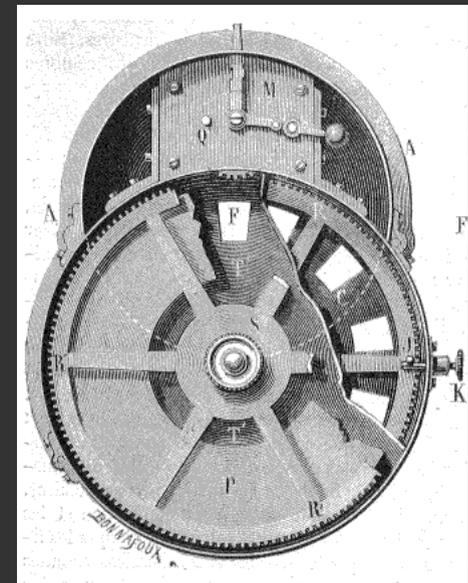
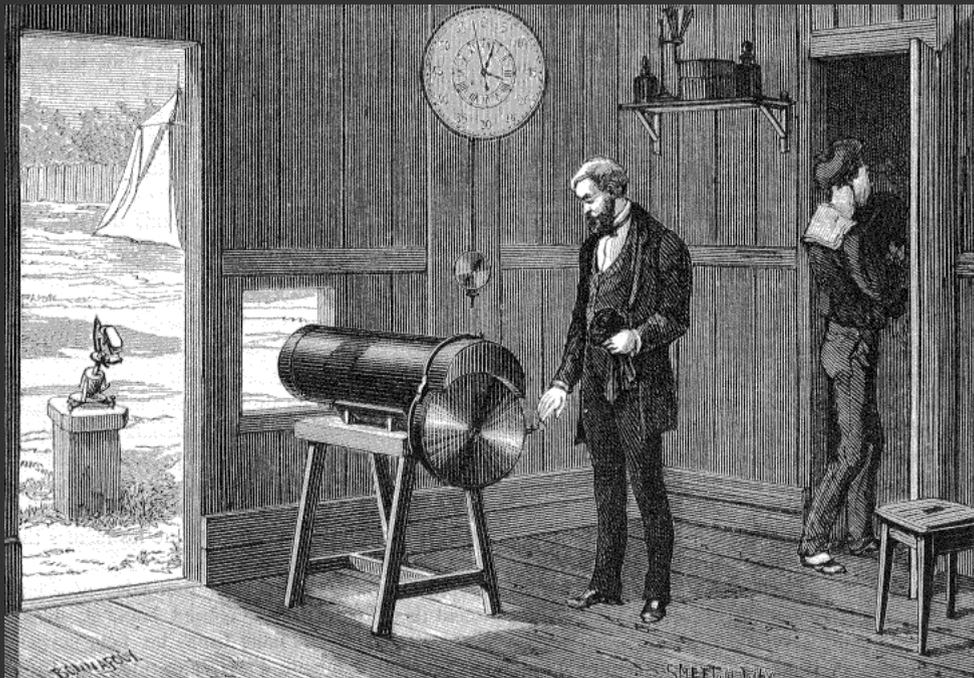
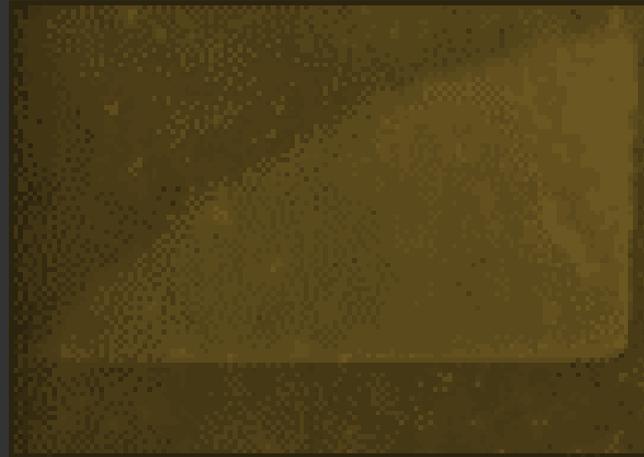
IMCCE
LESIA

VT2004

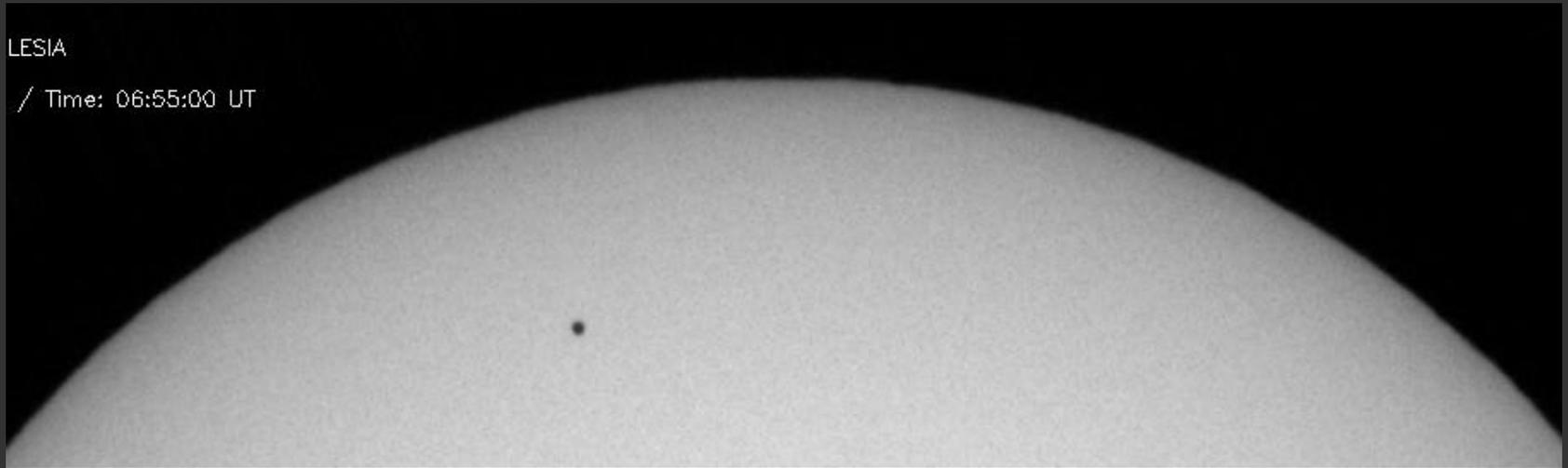
Passages de Vénus entre 1601 et 2200

Date	UT	Distance au centre
1631 Dec 07	05:19	939 "
1639 Dec 04	18:26	524 "
1761 Jun 06	05:19	570 "
1769 Jun 03	22:25	609 "
1874 Dec 09	04:07	830 "
1882 Dec 06	17:06	637 "
2004 Jun 08	08:20	627 "
2012 Jun 06	01:28	553 "
2117 Dec 11	02:48	724 "
2125 Dec 08	16:01	733 "

Derniers passages de 1874 et 1882 Janssen et le révoluer photographique



Objectifs pédagogiques et culturels

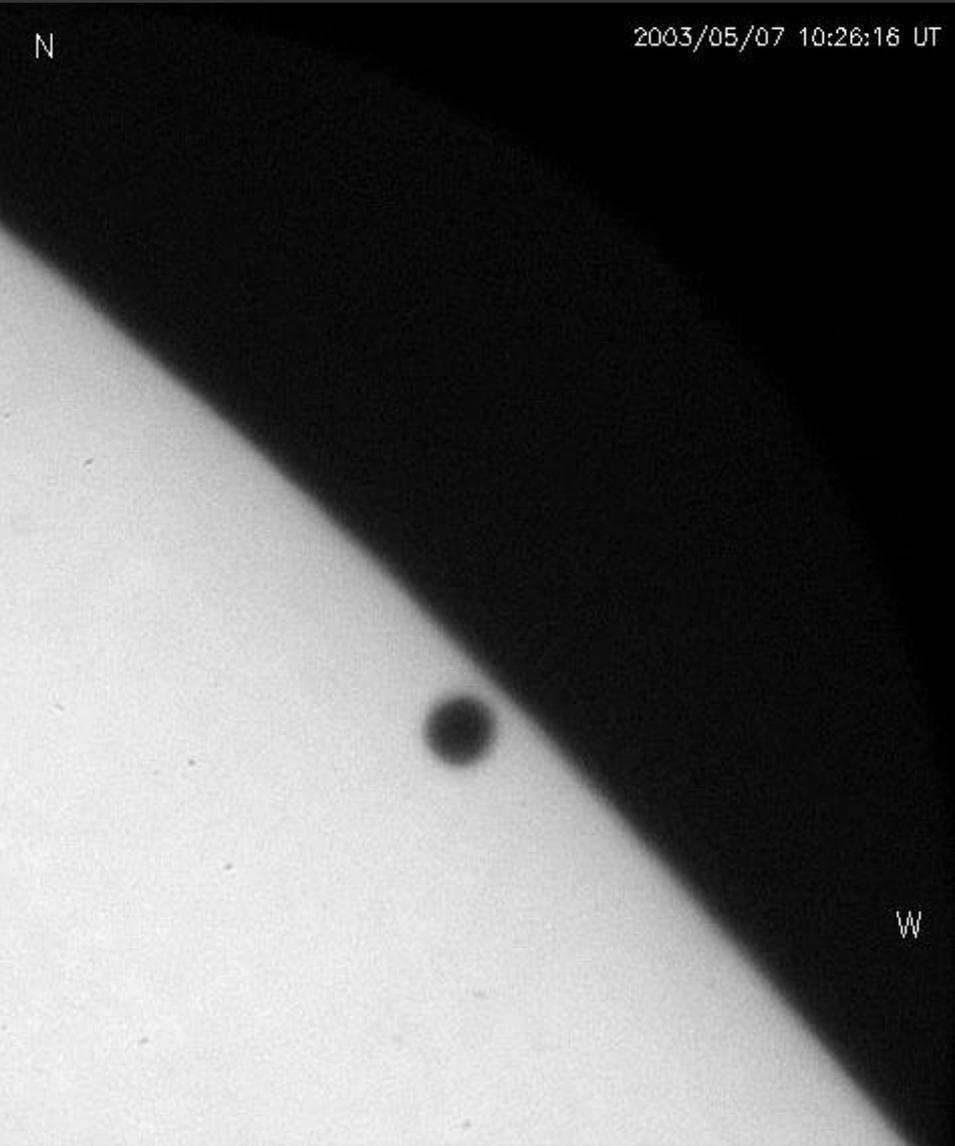


Contribution du LESIA: observation et diffusion des images

- 1) Observation du disque entier pour donner une vue globale héliographe de Meudon avec voie H alpha et voie lumière blanche
- 2) Observation de détail correspondant à un petit champ d'environ 4' de diamètre à la Tour Solaire de Meudon

N

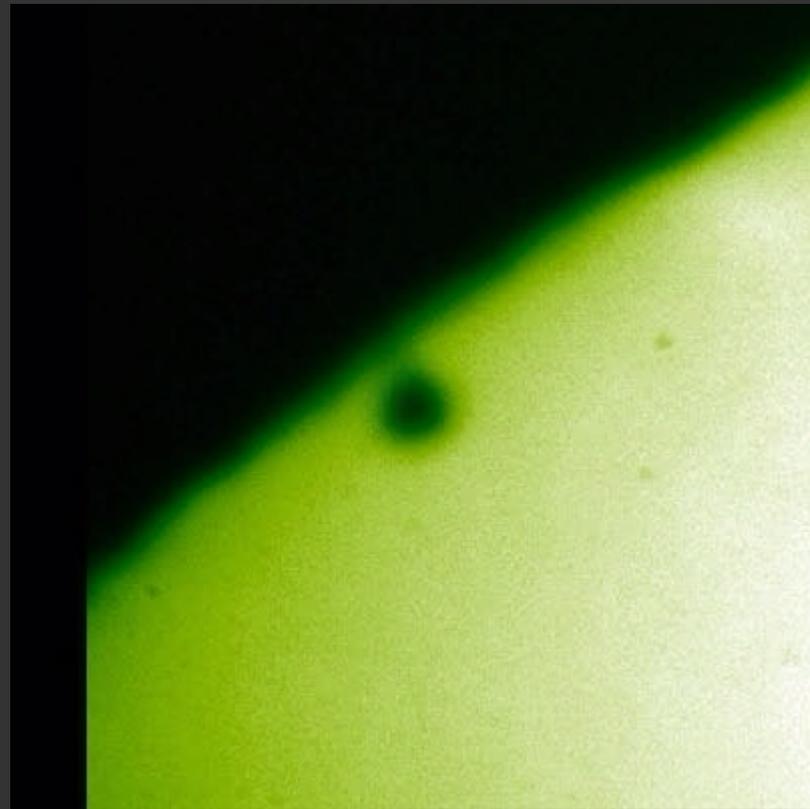
2003/05/07 10:26:16 UT



W

Tour Solaire

MT2003



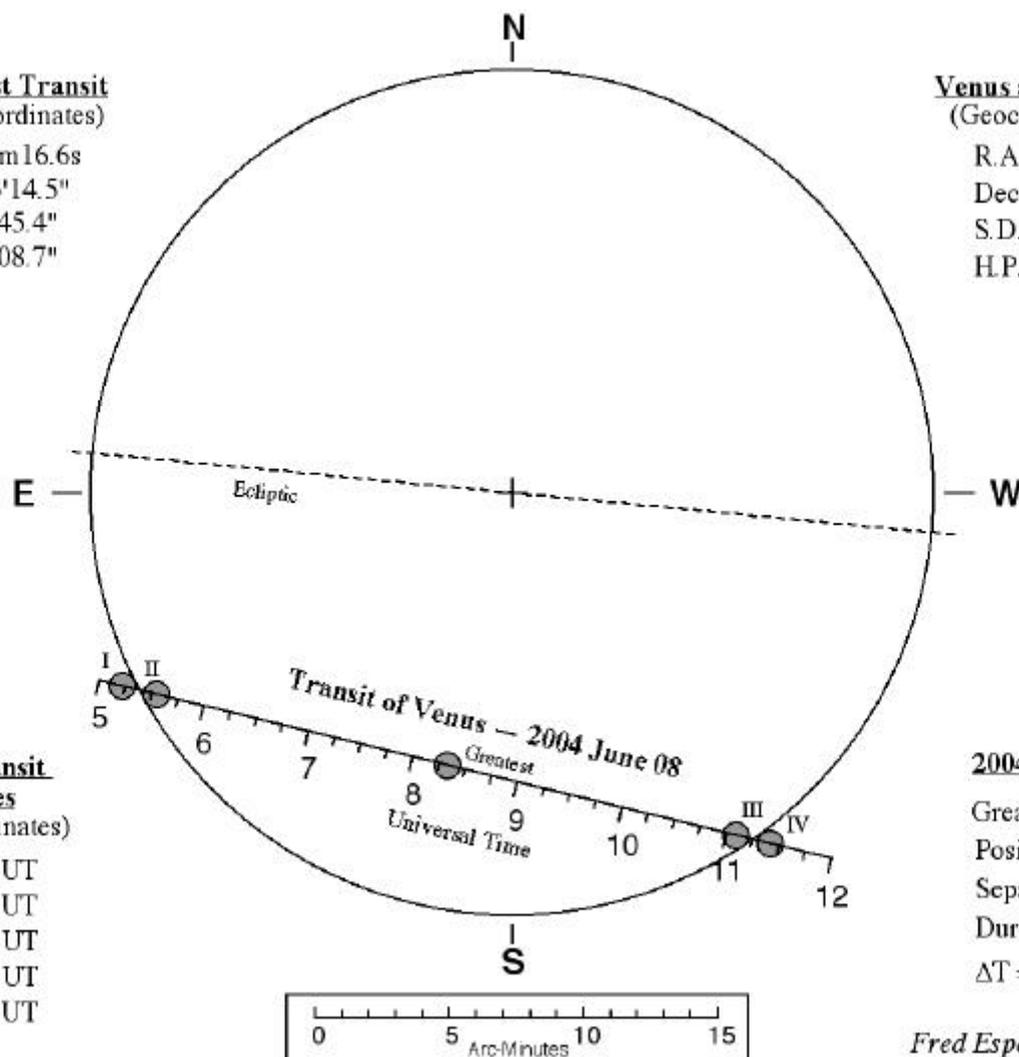
Transit of Venus - 2004 Jun 08

Sun at Greatest Transit (Geocentric Coordinates)

R.A. = 05h07m16.6s
 Dec. = +22°53'14.5"
 S.D. = 00°15'45.4"
 H.P. = 00°00'08.7"

Venus at Greatest Transit (Geocentric Coordinates)

R.A. = 05h07m27.1s
 Dec. = +22°43'04.1"
 S.D. = 00°00'28.9"
 H.P. = 00°00'30.4"



2004 Venus Transit Contact Times

(Geocentric Coordinates)

I = 05:13:29 UT
 II = 05:32:55 UT
 Greatest = 08:19:44 UT
 III = 11:06:33 UT
 IV = 11:25:59 UT

2004 Geocentric Data

Greatest = 08:19:44 UT
 Position Angle = 166.3°
 Separation = 626.9"
 Duration = 06h12m
 $\Delta T = 65.0$ s

Fred Espenak, NASA's GSFC

Figure 2 - Path of Venus across the Sun's disk on 2004 June 08.

VT2004

Contacts



Aspects pédagogiques, calculs (IMCCE):

Jean-Eudes Arlot (jean-eudes.arlot@obspm.fr)

William Thuillot (william.thuillot@obspm.fr)

Observations, diffusion des images (LESIA):

Jean-Marie Malherbe (jean-marie.malherbe@obspm.fr)

Christian Renié (christian.renié@obspm.fr)