Log CHARA/VEGA 2019-03-15

Observers: Fred, Anthony, et Olli

W1 is unavailable, S2 is used for AO tests. We start with :

E2-B2-P2 W2-B3-P5

V72 : Beta CMi (a good old Be star) PI: Klement

UT02:20 : Open the domes and going to the target
UT02:30 : Seeing is very bad with r0 below 2cm
UT02:45 : Problems with E2.
UT03:05 : Finally we got the fringes, even if we can hardly call this fringes. The CLIMB waterfall shows noise with from time to time some little fringes popping-up. So we go to standby hoping from the r0 to increase.

UT07:26 : the star is now too low now, let's try another one.

E1-B1-P1 E2-B2-P2 W2-B3-P5

V38 : Surface Brightness relation PI: Salsi

UT07:27 : We slew to the science target HD89021
UT08:31 : The seeing have improve a bit (r0~4cm). We try to search for fringes.
UT08:36 : **E1=3260 W2=5830 CLIMB_B1=6.46 CLIMB_B2=4.43**
UT08:37 : ~~**HD89021.2019.03.15.08.37**~~ r0~4cm fringe ok on E1E2 and barely visible on VEGA on E2W2. They are quite jumpy on CLIMB
UT08:47 : Going to the cal HD85795
UT09:10 : Too faint considering the seeing. No fringes found. We'll try another program. As we did not record calibrator for this sci, we'll remove it from the archive.

E2-B2-P2 W2-B3-P3

V67 : Asterosismo PI : Creevey

UT09:27 : Let's start with some nice check star : Zeta Dra (HD15563)
UT09:29 : Very jumpy fringes found on CLIMB and peak found on VEGA too.
UT09:30 : Going to HD185264 calibrator : HD178027
UT09:35 : Not enough flux on CLIMB. As it is the brightest calibrator (mK=5.4) of the brightest science target (mK=3.9), we are screwed!!!
UT11:05 : Seeing seems to be a little better. We try again on calibrator
Very weak fringes seen on CLIMB but nothing at all on VEGA.
UT12:30 Seeing is around 3. No way ! We close.