

VISA GTO CNRS P84

GTO-CNRS Committee, Chair: Denis Mourard
gto-vlti.cnrs@obs-azur.fr

*P84-CNRS-001: Canopus

- **PI : A. Domiciano** (Armando.Domiciano@unice.fr)
- Title: "Spectro-interferometric imaging of the yellow supergiant Canopus: resolving the photospheric structure in the near-IR"
- Configuration : AMBER LR-HK (if possible LR-HK-F)
- Baselines: A0-K0-G1, D0-H0-G1, A0-D0-H0, E0-G0-H0
- Time allocation proposition : 26h

P84-CNRS-002: zeta Lep, beta Pic, eta Crv, Fomalhaut

- **PI : J.C. Augereau** (augereau@obs.ujf-grenoble.fr)
- Title : « Debris disks with AMBER»
- Configuration : AMBER HR-K-F (HR-H-F if offered)
- Baselines: A0-K0-G1
- Time allocation proposition : 4objects*3h=12h

P84-CNRS-003: Sirius

- **PI : A. Chelli** (alain.chelli@obs.ujf-grenoble.fr)
- Title : « Detection of faint companions to Main-Sequence stars by Phase Closure Nulling with AMBER/FINITO»
- Configuration : AMBER MR-K-F
- Baselines: A0-D0-H0
- Time allocation proposition : 6h

P84-CNRS-004: T Tau N, HD104237

- **PI : C. Dougados** (catherine.dougados@obs.ujf-grenoble.fr)
- Title : « Origin of the hot gas emission in young stars: AMBER HR-K observations of the Bry line emission regions in T Tau N and HD104237.»
- Configuration : AMBER HR-K-F
- Baselines: UT1-UT3-UT4
- Time allocation proposition : 6.7h

*P84-CNRS-005: HD62623

- **PI : P. Stee** (philippe.stee@obs-azur.fr)
- Title : « Imaging the B[e] star HD62623»
- Configuration : AMBER LR-JHK-F
- Baselines: all possible triplets (4 configurations, 8h each)
- Time allocation proposition : 32h

P84-CNRS-006: X Hya

- **PI : X. Haubois** (xavier.haubois@obspm.fr)
- Title : « The role of asymmetries in the mass loss of Mira stars»
- Configuration : AMBER LR-HK-F
- Baselines: A0-D0-H0 (2 epochs), D0-H0-G1 (2 epochs)
- Time allocation proposition : 14h

***Note:** for P84-CNRS-001 and P84-CNRS-005, we point out the important constraints for the scheduling of the observations. It has been decided to put an important effort on the CNRS time to demonstrate the imaging capabilities of the VLTI but a good coordination is required to obtain the correct scheduling of the observations. The different configurations should be obtained in a short time interval and a strict minimum of configurations have to be accepted. The PIs have been informed of this and this information will appear in their proposals. If the ESO allocation is not conform to these conditions, then we do not guarantee the feasibility of the program and we will not consider it as GTO-CNRS time.