

# **Workshop on large programs with WIRCAM**

November 5-6 , 2004

# Practical informations

- General information: Mrs. Delphine Charbonneau, ground floor
- Coffee break: ground floor, entrance hall
- Lunch: nothing special  
Canteen or outside IAP as you wish
- Diner tonight: Brasserie Zeyer. Please contact Yannick/Delphine asap. Maps provided by Delphine.
- No WIFI

# Workshop

- Do we need LPs with WIRCAM ?
- Can they be competitive with respect to other on going NIR surveys?
- If yes, can we merge proposals?
- How LPs must be selected?
- Proprietary period and access rules to data
- Data processing
- Which fraction of CFHT time?
- Constrains:
  - Time follow up
  - Strongly oversubscribed fields

# Essential parameters of WIRCAM survey proposals

Title	Proposers	Requested integration time
A CFHT Wide-Field Infrared Survey of the Virgo cluster	Boselli A. et al.	20 nights.
Young brown dwarfs and free floating giant planets in nearby star clusters	J. Bouvier, C. Dougados, F. Menard, J.-L. Monin, E. Moraux	430 hours
Mapping the most extreme stellar populations in the milky way	A. Moffat(1), M. Shara(2), L. Drissen(3), R. Doyon(1), N. St-Louis(1), C. Robert(3)	536 hours
Ultracool Field Brown dwarfs with a large WIRCAM survey	F. Allard, I. Baraffe, J.-L. Beuzit, G. Chabrier, X. Delfosse, T. Forveille, E. Martin, C. Reyle, A. Robin	230 nights
The Coolest Neighbours to the Sun	Eduardo Martin	4800 hours
A WIRCAM study of evolved AGB and RSG populations in the Local Group	N. Mauron (CNRS, Montpellier, France) M. Azzopardi (Laboratoire d'Astrophysique de Marseille) K. Gigoyan (Byurakan Observatory, Armenia)	Exposure time not specified
The need for a WIRCAM CFHTLS-wide follow up for cosmic shear	Mellier Y. (a,b,c), van Waerbeke L. (a), Bertin E. (a,b,c), Tereno I. (a,d), Bernardeau F. (f)	210 nights
Infrared counterpart of the CFHTLS fields: The WIRCAM Deep Survey	Jean-Francois Le Borgne, Roser Pello and Genevieve Soucail	280 nights
Near-Infrared Period-Luminosity-Metallicity Relation of RR Lyrae stars and Accurate Distances to Galactic Globular Clusters	Yong-Ik Byun, Dept of Astronomy, Yonsei University, Jae-Man Kyeong, Korea Astronomy Observatory Hong-Suh Yim, Korea Astronomy Observatory	Exposure time not specified
Survey for Variable Stars within M31	Yong-Ik Byun, Dept of Astronomy, Yonsei University, Young-Jong Sohn, Center for Space Astrophysics, Yonsei University Jae-Man Kyeong, Korea Astronomy Observatory	Exposure time not specified
WIRCAM follow-up of 2 GIRAFFE fields: comparison of the dynamical mass to the stellar mass of distant galaxies	Francois Hammer et al.	Approximately one night
Deep Near IR imaging survey of dark and translucent clouds at high galactic latitudes with WIRCAM. A search for very low luminosity Young Objects	N. Epchtein (1), L. Cambresy(2)	180 hours
Triggered massive-star formation in the Galaxy	A. Zavagno & L. Deharveng	100 hours
Kinematics of the inner Galaxy: the bulge and bar dynamics	A.C. Robin, C. Reyle, S. Picaud	84 nights
Near-Infrared follow-up of the GALEX /CFHTLS/ SIRTf survey	Arnouts S., Treyer M. et al.	260 hours

# Brasserie Zeyer: Place d'Alesia ~10mn walk

