

## Head of OCA/FIZEAU Dept, France

*OCA-CNRS-UNS, D. Mourard*

FIZEAU Lab, OCA-CNRS-UNS, F

*Nice, F, before 1/1/2010*

The function of Director of Laboratory A.H. Fizeau is vacant from April 1, 2009. The direction by interim will be ensured by one of the two current deputy managers until the date of final appointment of the new director (envisaged at the latest 1/1/2010). Within the framework of the current four-year contract, this direction court until the 31/12/2011. During the year 2010, the director will have, among other responsibilities, to prepare the new four-year contract over the period 2012-2015. In order to facilitate the search for candidates, a committee of search for candidatures is set up. The people interested by the function are invited to contact one or the other of the members of this committee. The candidates' application including a curriculum vitae, a notice of the titles and work, a list of publications and a letter of motivation, are to be addressed to the President of the committee before the 15/05/2009.

Be aware that we do not have any official funding support at that time for this position but any application will be considered and solutions will be examined.

The Laboratory A. H. Fizeau is a CNRS laboratory (UMR 6525) dependent on 3 organizations: the Centre National de la Recherche Scientifique, the Observatoire de la Côte d'Azur and the University of Nice Sophia-Antipolis. The personnel is currently working on 3 sites: Nice Observatory, Nice University and Grasse. The current funded contract Etat-Région aims at the regrouping the laboratory in Nice University in 2011.

The Fizeau laboratory was born from the fusion which took place on January 1, 2008 between the Laboratoire d'Astrophysique of the Nice University (UMR 6525) and the component Stellar Physics and High Angular Resolution of laboratory GEMINI (UMR 6203) of OCA. This union makes it possible to gather within the same laboratory all the actors of the High Angular Resolution on the french Riviera with also complementary skills developed in Atmospheric Optics and Signal processing, but also of theoretical and observational work completed in stellar, solar physics and in exo planets field.

Among the main activities of the laboratory, one can found, 1) The SPHERE instrument for the VLT: simulation of the instrument with CAOS, development and realization of the Lyot apodized coronagraphs, algorithms of processing of data, 2) Design and the realization of the MATISSE beam combiner, instrument of 2nd generation of the VLTI, 3) Design and exploitation of VEGA (spectro-polarimeter in the visible) in collaboration with the californian interferometer CHARA, 4) Exploitation of AMBER, spectro-interferometric instrument whose design and realization were supervised by the laboratory and 5) the laboratory preserves its heart of pioneer with astronomy in the Antarctic where it is in charge of the qualification of the site at Dome C. Fizeau has moreover the responsibility for the European network of astronomy in the Antarctic ARENA.

To conclude these various projects, the laboratory developed and concentrates an intense activity of Research and Development upstream of the instrumental projects. The Fizeau laboratory takes an active part also in the university education since the 1st year of licence until the doctorate and an astrophysical course is done in MASTER.

Hundred people are almost in the Laboratory today: 43 researchers and teacher-researchers, 37 engineers including 6 administrative, 16 PhD students, 5 post-docs and visitors.

Composition of the committee:

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- C. CATALA, Claude.Catala@obspm.fr
- D. MARY, david.mary@unice.fr
- D. MOURARD, denis.mourard@oca.eu
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