

François COLAS

Professional data :

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Personal data:

Date of birth: May, 6 1959

Citizenship: French

Language: French , English and Spanish

Current status:

Chargé de recherche (CNRS-CR1) at IMCCE since Sep . 1, 1992

Fields of work: Observation, astrometry, Comet, Asteroid

Professional experience:

PI of one meter telescope at Pic du Midi observatory

PI of project FRIPON (<http://ceres.geol.u-psud.fr/fripon/?lang=en>)

CoI of project "Beyond Neptune" for characterization of Trans neptunian Objects

Education:

1984 Agrégation de mécanique

1991 *Thesis:* "Nouvelles observations CCD astrométriques pour l'étude dynamique des satellites des planètes: application au mouvement du satellite Thébé de Jupiter"

1995 Médaille de bronze du CNRS

Publications

140 publications with referee

168 communications

h index : 25

Selected publications in refereed journals:

Braga-Ribas, F.; Sicardy, B.; Ortiz, J. L.; Snodgrass, C.; Roques, F.; Vieira-Martins, R.; Camargo, J. I. B.; Assafin, Colas et al **A ring system detected around the Centaur (10199) Chariklo** *Nature* **2014**

Maquet, L.; Colas, F.; Jorda, L.; Crovisier, J **CONGO, model of cometary non-gravitational forces combining astrometric and production rate data. Application to comet 19P/Borrelly** *A&A* **2013**

Kryszczyńska, A.; Colas, F.; Descamps, P.; Bartczak, P.; Polin'ska, M.; Kwiatkowski, T.; Lecacheux, J.; Hirsch, R.; Fagas, M.; Kamin'ski, K.; and 2 coauthors **New binary asteroid 809 Lunda. I. Photometry and modelling** *2009 A&A* **501**

Sicardy, B.; Colas, F.; Widemann, T.; Bellucci, A.; Beisker, W.; Kretlow, M.; Ferri, F.; Lacour, S.; Lecacheux, J.; Lellouch, E.; and 42 coauthors **The two Titan stellar occultations of 14 November 2003** *2006 Journal of Geophysical Research, Volume 111*

Vaubailon, J.; Colas, F.; Jorda, L. **The meteoroid environment of comet 9P/Tempel 1 and the Deep Impact spacecraft** *2006 A&A* **450**

Vaubailon, J.; Colas, F.; Jorda, L. **A new method to predict meteor showers. I. Description of the model** *2005 A&A* **439**