

# Emeric LE FLOC'H

Institute for Astronomy, Univ. of Hawaii  
2680, Woodlawn Drive  
Honolulu, HI 96822, USA

**Birthdate:** March 4, 1975  
**Birthplace:** Rennes, France  
**Citizenship:** French

*phone* : (+1) 808 956 3903  
*fax* : (+1) 808 988 2790

*e-mail*: [elefloch@ifa.hawaii.edu](mailto:elefloch@ifa.hawaii.edu)  
*web*: <http://ifa.hawaii.edu/~elefloch>

## PROFESSIONAL EXPERIENCE

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Sept. 2006 – *Spitzer Space Telescope* Postdoctoral Fellow, University of Hawaii  
2003–2006 Research Associate in the MIPS/*Spitzer* instrument team, Univ. of Arizona

## EDUCATION

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2000–2003 **Ph.D. thesis** on “Massive star formation at low and high redshift, probed by luminous infrared galaxies and Gamma-ray Burst hosts”, defended on September 10, 2003 (Université de Paris XI, Supervisor: Félix Mirabel, CEA-Saclay)  
1999–2000 National service at the **European Southern Observatory (La Silla, Chile)**  
Support Astronomer at the New Technology Telescope (NTT)  
1998–1999 **Master** in Astrophysics and Space Science, with honors (Université de Paris XI)  
1996–1999 **Engineering diploma** in theoretical and applied optics (“École Supérieure d’Optique”, Orsay). Specialization in Image and Data processing

*Awards* Certificate of Achievement in Adaptive Optics – W.M. Keck Observatory (1997)  
Group Achievement Award – *Spitzer Space Telescope* Payload Team (2004)  
*Languages* French (mother tongue), English (fluent), Spanish (fluent), German (academic)  
*Computing* Unix/Linux – shell/C++/Fortran/TclTk/HTML – IDL/Matlab/IRAF/AIPS

## RESEARCH INTERESTS

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Expertise in low and high redshift extragalactic astrophysics — Luminous infrared galaxies, dusty star formation, Active Galactic Nuclei — Gamma-ray Bursts, Gamma-ray Burst host galaxies

*Ground- and space-based observation experience:*

- ▷ Mid- and far-infrared data analysis from MIPS, IRAC and ISOCAM observations
- ▷ Optical/Near-Infrared imaging and spectroscopy at the VLT, NTT, ESO 3.6m and CFHT
- ▷ Radio and millimeter observations (SEST-ESO, IRAM Plateau de Bure, NCRA-GMRT)
- ▷ Adaptive Optics observations with PUEO at CFHT

Principal Investigator of programs using the *Spitzer Space Telescope* and the *Very Large Telescope*. Co-investigator of projects using the Keck, Magellan and Gemini telescopes, the VLT, the HST, the CSO and the MMT.

## REFERENCES

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**Pr. G. R. Rieke** ([grieke@as.arizona.edu](mailto:grieke@as.arizona.edu)), **Pr. D. B. Sanders** ([sanders@ifa.hawaii.edu](mailto:sanders@ifa.hawaii.edu)), **Dr. J.-L. Puget** ([jean-loup.puget@ias.u-psud.fr](mailto:jean-loup.puget@ias.u-psud.fr)), **Dr. F. Combes** ([françoise.combes@obspm.fr](mailto:françoise.combes@obspm.fr)), **Dr. C. J. Cesarsky** ([ccesarsk@eso.org](mailto:ccesarsk@eso.org)), **Dr. I. F. Mirabel** ([fmirabel@eso.org](mailto:fmirabel@eso.org))