EMMANUEL H. HUGOT – ACADEMIC CV

Astrophysicist - CNRS -
Laboratoire d'Astrophysique de Marseille
www.emmanuelhugot.com

Research positions

2010 – … Research scientist @ CNRS
2015 - 2019 Head of the LAM R&D group in optics and instrumentation
2016-17-18-19 Short term visitor @ UK- Astronomical Technologies Center (ATC, STFC)
2013-15-17 Short term visitor @ Space Telescope Science Institute (STScI, NASA)
2014-18 Short term visitor @ California Institute of Technologies (CalTech, NASA)

Formation

2016: **Habilitation à Diriger des Recherches,** "New paradigms in astronomical instrumentation" (AMU). Supervision Pr. Manuel Fendler (CEA-Tech)
2008: **PhD thesis "**Astronomical Optics and elasticity theory - Active Optics developments for future giant telescopes and innovative instrumentation", Supervision Pr. G.R. Lemaitre, (AMU)
2004**: MsC thesis "**Optics, Image and Signal", (AMU), *Institut Fresnel*, Marseille
2004: **Engineering diplôma** - *Ecole Centrale Marseille*

Prix et récompenses

2018 & 2019: Jean Jerphagnon prize from the French Academy of Technologies - finalist
2017: **CNRS Bronze Medal**
2017: **MERAC prize « New Technologies »**, from the European Astronomical Society
2014: **Early career prize** from the French Society of Professional Astronomers

Encadrement et supervision

I co-supervised 12 PhD students, 5 as thesis director. The detail of the activities is on this link.

Post Docs (2 women/2 men, 3 internationals)

2017-2021	Simona	LOMBARDO	(100%)	"Next generation of UV imagers"
2016-2020	Eduard	MUSLIMOV	(100%)	"Innovative optical design"
2013-2014	Xin	WANG	(100%)	"Active reflective zoom systems for astronomy"
2013-2014	Yann	GAEREMYNCK	(100%)	"Deformable detectors"

PhDs (12) (6 women / 6 men)

*2019-2021	Kelly	JOAQUINA	(100%)	"Multi-disciplinary applications of curved sensors"
*2019-2021	Louis	DUVEAU	(35%)	"Freeform optics for ultra-compact cameras"
*2018-2020	Melanie	ROULET	(100%)	"3D printing of astronomical optics"
2018-2020	Sabri	LEMARED	(20%)	"Manufacturing large lightweight mirrors"
2018-2019	Xiaopeng	XIE	(50%)	"New generation of freeform active mirrors"
*2017-2019	Anne-Laure	CHEFFOT	(50%)	"Co-phasing techniques for the E-ELT"
*2015-2018	Christophe	GASCHET	(50%)	"Innovative optical design with curved sensors"
2014-2017	Wilfried	JAHN	(50%)	"Combining curved sensors and freeform optics"
2013-2014	Pierre	BOURGET	(20%)	"Adaptive coronagraphs for exoplanets imaging"
2012-2015	Clément	ESCOLLE	(35%)	"High angular resolution for universe science"
2010-2013	Zalpha	CHALLITA	(80%)	"Extreme Aspherics for future instrumentation"
2009-2012	Marie	LASLANDES	(50%)	"Space Active Mirrors"

Encadrement principal *(*) En tant que directeur de thèse*
Co-encadrement

---------- Fin du document ----------