${\bf Curriculum\ vitae}\ ({\rm November}\ 1^{\rm st},\ 2021)$

Raphaël Fabio Duque

арпает гар	ւս քազւ	16				
Address	Institut für Theoretische Physik Goethe Universität Frankfurt am Main Max-von-Laue-Straße 1 60438 Frankfurt am Main			TELEPHONE E-MAIL WEBSITE	+49 (0)69 798 47848 duque@physik.uni-frankfurt.de http://bandang0.github.io/rduqueonline	
RESEARCH I	NTEREST	TS.	Compact object mergers, a processes, multi-messenger		sts, relativistic jets, high-energy emission	
Education 2018 – 2021			PhD in Astrophysics, Sorbonne Université: Doctoral thesis "Compact Object Coalescences and Gamma-Ray Bursts in the Gravitational-Wave Era" prepared at the Institut d'astrophysique de Paris under supervision of Prof. Frédéric Daigne and Dr. Robert Mochkovitch.			
	2017 - 2	2018		strophysics and	Space Engineering, Université	
	2014 - 2	2017			, École polytechnique: Prize for an Gravitational Observatory.	
Positions held 2021 – Present			Post-doctoral position at the Institute for Theoretical Physics, Goethe Universität Frankfurt: Under Advanced ERC project "JETSET" (PI: Prof. Luciano Rezzolla).			
TEACHING	2018 - 2	2021	<u> </u>	stical Physics",	physics, Observatoire de Paris-Meudon: "Astronomical Data Analysis",	
	2018 - 2	2021		Astronomy for	the Explorer et Comprendre l'Univers	
SERVICES TO	o THE AS since 2 since 2 since 2 2018 – 2	2021 2019 2019		VOM high-enerceduce CCD in	gy satellite mission. hage reducer and astrometry tool. hager Astronomy Journal Club" in the	
No ((ovember 2 October 2 October 2 October 2 October 2 October 2 October 3	2020 2020 2020 2020 2020 2020 2020	TAPIR at Caltech (Pasade Hebrew University (Jerusa Columbia University (New Grandma Collaboration A Osservatorio Astronomico Jagiellonian University (Ca Kavli Institute for Astronomico	alem) York City) strophysics Ser di Brera (Mila racow)	no)	
	E TALKS March 2 October 2 ecember 2	2021 2020	· ·	onal Gravitatio	Group meeting (Paris) nal-Waves Working Group (Paris) or best student talk in the "X-ray	
	May 2 March 2 October 2 2021 (yea	2019 2018	Nanjing GRB Conference Asterics Radioastronomy C Eighth Fermi Symposium	Conference (Gr (Baltimore, po	oningen)	

List of publications

Publications (refereed)

A&A 652 (2021) "The potential role of binary neutron star merger afterglows in multimessenger cosmology"

Mastrogiovanni, S.; **Duque**, **R.**; Chassande-Mottin, E.; Daigne, F.;

Mochkovitch, R.

A& 651 (2021) "Prospects for kilonova signals in the gravitational-wave era"

Mochkovitch, R.; Daigne, F.; Duque, R.; Zitouni, H.

A&A 639 (2020) "Probing high-density neutron star mergers with afterglow counterparts"

Duque, R.; Beniamini, P.; Daigne, F.; Mochkovitch R.

MNRAS 492 (2020) "X-ray plateaus in gamma-ray bursts' light curves from jets viewed slightly off-axis"

Beniamini, P.; **Duque**, R.; Daigne, F; Mochkovitch R.

A&A~631~(2019) "Radio afterglows of binary neutron star mergers: a population study for current

and future gravitational-wave observing runs" **Duque**, **R.**; Daigne, F.; Mochkovitch, R.

Publications (non-refereed)

GCN 26386 (2019) "LIGO/Virgo S191205ah: no counterpart candidate in SVOM/GWAC observations"

PoS 357 (2019) "Neutron star merger afterglows: population prospects for the gravitational-wave era"

Duque, R.; Daigne, F.; Mochkovitch, R.