LUIS EDUARDO SUELVES

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STUDY HISTORY AND QUALIFICATIONS:

Universidad de Zaragoza, Spain *Sept 2011 - Dec 2016*
BA in Physics
Bachelor Thesis: Planck-scale physics effects on high energy neutrinos

R. F.-W. Universität Bonn, Germany *Oct 2017 - Dec 2019*
MD in Astrophysics
Master Thesis: Weak lensing bias calibration

National Center for Nuclear Research (NCBJ), Poland *Oct 2020 - Today*
PhD in Astrophysics

PUBLICATIONS

North Ecliptic Pole merging galaxy catalogue *Published: Febr 2022*
Pearson, Suelves et al. 2022

Merger identification through photometric
bands, colors and their errors *in Preparation: Oct 2022*
Suelves, Pearson & Pollo 2022

TALKS DELIVERED

NAOJ Mini-workshop on GRBs and ML, Tokyo (online) *28.07.2021*
CNN based merger detection

5th Cosgmology School, Kraków *21.07.2022*
Merger identification through photometric bands, color and errors

2nd Roman Juszkiewicz Symposium, Warsaw *28.09.2022*
Merger identification through photometric bands, color and errors

WORK HISTORY

Planetario de Aragón, Huesca *Apr 2016 - May 2017*
Presentation Specialist
Science and Astronomy communication to the general public.

Argelander-Institue für Astronomie (AIfA), Bonn *Mar - Nov 2019*
Assistant for MD Optical Astronomy Laboratory Course (S261)
Teaching astronomical data reduction and analysis.

LANGUAGES

English	IELTS & MD plus PhD completely in English	*27.07.2017*
Spanish	Native	
German	Beginner	
Polish	Beginner-A1	

TECHNICAL STRENGTHS

Coding Languages	Python, Tensorflow, Bash-Awk and C/C++
LaTeX programming	Thesis, Presentations & Papers
Astronomy Analysis Software	VizieR VO: Aladin, TOPCAT, SQL and ADQL.
	SAODS9, SExtractor, Astropy, IRAF, MESA
Microsoft Office	Word, Excel and PowerPoint

COMPLEMENTARY:

SHORT PROJECTS AND JOBS
Internship ∼ *Sept 2018, 5 weeks*
Argelander-Institue für Astronomie (AIfA)
First experience with Python and object oriented programming for maximum likelihood fit of galaxy redshift cross-correlation function.

Fitur 2017, Aragón national stand *18-22 Jan 2017*
International Tourism Trade Fair
Promotion of the astronomy-oriented tourism industry in Aragón region.

PUBLIC, SOCIAL AND ORGANIZATION SKILL
Stand-by technician for IT resources & Cultural Assistant *Sept 2013 - June 2015*
CMU Pedro Cerbuna college, Zaragoza
Basic IT support to the dorm residents & Organization and promotion of cultural activities.

Communication *April 2016 - May 2017*
Local media: Aragon TV and Radio Huesca
Active intervention at local public media on science popularization and astronomical news

EXTRA-CURRICULAR

Guitar player and co-singer in Youth local Rock Group "Fissura": 2008 - 2014

Member of Cerbuna Teatro Troupe: 2011 - 2015

Bandurria (traditional Spanish lute-type instrument) player at "La tuna del Cerbuna" CMU Pedro Cerbuna: 2012 - Today

Member of AifA "Astroclub" group, organizing and advertising talks for BA students: 2019

CONFERENCES & WORKSHOPS DURING PHD

Summer School: 5th Cosmology School Kraków July 2022

Workshop: International Workshop on Machine Learning and Quantum Computing Applications in Medicine and Physics (WMLQ 2022) NCBJ, Warsaw September 2022

Symposium: 2nd Roman Juszkiewicz Symposium CFT PAN, Warsaw September 2022

PERSONAL TRAITS

Strong communicative skills

Ability to analyse complex data and its physical meaning

Enthusiasm on meeting new people and cultures

Interests & Hobbies: literature, nature and animals, history and politics, and any type of music (from opera to metal, passing through rap or jazz)