Matías Andrés Liempi González

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EDUCATION

Graduated at Colegio Teresiano Los Ángeles Los Ángeles, Chile | 2014-2017
Colegio Teresiano Los Ángeles

Bachelor of Astronomy Concepción, Chile | 2018-2022
Universidad de Concepción

Astronomer Concepción, Chile | 2018-2023
Universidad de Concepción

Master of Astronomy Concepción, Chile | 2022-2024
Universidad de Concepción

WORK EXPERIENCE

INTRODUCTION TO LaTeX | Professor   Universidad Nacional Autónoma de Honduras, Online| Mayo 2021 – Junio 2021

- Teaching of an introductory course to LaTeX oriented to the production of scientific texts for 60 students of the Universidad Nacional Autónoma de Honduras.

TEACHING

Theoretical and computational astronomy Tutoring | July-November, 2024
Universidad de Concepción

Cosmology Tutoring | March-July, 2024
Universidad de Concepción

Cosmology Tutoring | March-August, 2023
Universidad de Concepción

Stellar astrophysics Tutoring | August-December, 2023
Universidad de Concepción

COURSES

LEARN ENGLISH SELECT SANTANDER - SELECT UPPER-INTERMEDIATE LEVEL (B2) | British Council, Online| 2021

INTRODUCTION TO] PUBLICATION OF A SCIENTIFIC ARTICLE | IOPscience, Online| 2021

NEWS IN IOP | IOPscience, Online| 2021

ESCUELA DE PRIMAVERA EN MATEMÁTICA APLICADA DE LA UNIVERSIDAD DEL BÍO-BÍO |
Universidad del Bío-Bío, Online| 2021

INTERNSHIPS AND VISITS

INTERSHIP AT CARNEGIE OBSERVATORIES |
Pasadena, California, USA| 14 April-15 March, 2023
VISIT AT SISSA |
Trieste, Italy| 30 September- 7 October, 2023
VISIT AT MAX-PLANCK-INSTITUT FÜR ASTRONOMIE |
Heidelberg, Germany| 9-27 October, 2023

CONFERENCES & WORKSHOPS

XVII LATIN AMERICAN REGIONAL IAU MEETING | Poster

Montevideo, Uruguay| 27 November-1 December, 2023

'65 REUNIÓN ANUAL DE LA ASOCIACIÓN ARGENTINA DE ASTRONOMÍA' | TALK
San Juan, Argentina| 18-22 September, 2023

CATA: 2ND ANNUAL MEETING | TALK
Hotel Pullman, Santiago, Chile| $1 - 3$ August, 2022

XVIII SOCHIAS MEETING | TALK
Universidad La Frontera, Temuco, Chile| 13-16 March, 2023

CATA: THEORY GROUP MEETING | TALK
Universidad de Concepción, Concepción, Chile| 7 November, 2022

'WHAT DRIVES THE GROWTH OF BLACK HOLES?' | ATTENDANCE
Online| 26–30 September, 2022

'64 REUNIÓN ANUAL DE LA ASOCIACIÓN ARGENTINA DE ASTRONOMÍA' | POSTER
Buenos Aires, Argentina| 19-23 September, 2022

'ORIGIN, GROWTH AND FEEDBACK OF BLACK HOLES IN DWARF GALAXIES' | ATTENDANCE
Online| 12-16 September, 2022

PUBLICATIONS

EFFICIENCY OF BLACK HOLE FORMATION VIA COLLISIONS IN STELLAR SYSTEMS: AN ANALYSIS OF DATA FROM SIMULATIONS AND OBSERVATIONS | NON-FIRST AUTHOR
https://ui.adsabs.harvard.edu/abs/2024arXiv240512008V| May-2024

ORIGIN OF SUPERMASSIVE BLACK HOLES: PREDICTIONS FOR THE BLACK HOLE POPULATION |
FIRST AUTHOR   https://arxiv.org/abs/2305.18629| 29 May, 2023

FORMATION OF SUPERMASSIVE BLACK HOLES IN GALAXIES THROUGH COLLISIONS IN NUCLEAR STAR CLUSTERS | FIRST AUTHOR
| submitted

THESIS

ORIGIN OF SUPERMASSIVE BLACK HOLES: PREDICTIONS FOR THE BLACK HOLE POPULATION |
MASTER'S THESIS   http://repositorio.udec.cl/jspui/handle/11594/11785| 2024

SKILLS

Languages: C, Python, SQL, FORTRAN
Web Development: HTML/CSS
Software: Git, Unix/Linux, LaTeX,
Languages: Spanish (native), English Intermediate-High B2 and Portuguese A2

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Matías Liempi
December 11, 2024

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