

TAMARA RAHIMI

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ETH Institute for Particle Physics and Astrophysics

Wolfgang-Pauli-Strasse 27 \diamond Zurich 8093, Switzerland

EDUCATION

Bilingual High School (English)

Major: Physics and applied Mathematics

August 2008 - June 2012

Kantonschule Romanshorn

BSc in Interdisciplinary Science

Field: Physics and Physical Chemistry

September 2013- August 2017

ETH Zurich

MSc in Interdisciplinary Science

Field: Physics and Physical Chemistry

September 2017-present

ETH Zurich

RESEARCH PROJECTS

Bachelor Thesis: SCUBA 2 Far-Infrared Photometry of Swift BAT selected AGN Host Galaxies in the Local Universe

(Supervisors: Dr. Michael Koss, Prof. Kevin Schawinski)

Bsc Semester project : Dust properties and the infrared SED of 63 Swift-BAT detected AGN host galaxies using SCUBA 2, Herschel and WISE data

(Supervisors: Dr. Michael Koss, Prof. Kevin Schawinski)

Bsc Semester project: Galaxy Zoo 2: Analysing the effect of bars and AGN on the quenching of star formation using stellar mass functions

(Supervisors: Anna Weigel, Prof. Kevin Schawinski)

Msc Semester project: Far-Infrared excess in Swift BAT selected Type 2 AGN Host Galaxies in the Local Universe

(Supervisors: Prof. Ueda, Dr. Michael Koss, Prof. Kevin Schawinski)

GRANTS AND FELLOWSHIPS

JSPS Young Researchers Exchange Program

Kyoto and Tokyo (Japan)

October 2017-January 2018

PUBLICATIONS

Rahimi et al. inprep

TBD

MNRAS

TALKS AND SEMINARS

NAOJ, IPMU and Kyoto University

December and November 2017

Challenging Unification: A difference in the host galaxy far-IR emission of Type 1 and Type 2 AGN

TECHNICAL STRENGTHS

Computer Languages Python, R, HTML
Software SAOImage DS9, Source Extractor, TOPCAT, Galfit,
IRAF, GAIA, LaTeX, starlink, ChemBiodraw

LANGUAGES

English Fluent
German Fluent
Persian Mother tongue
French Good Command

OUTREACH AND TEACHING

Discovery Semester 2016-2017
Tutor Zurich, Switzerland

Refugees auditing program of ETH

Schweizer Jugend Forscht 2017
Astrophysics workshop Bern, Switzerland

Introduction workshop for high school students about astronomy and the universe

Scientifica 2017
Astrophysics Booth Zurich, Switzerland

Science exhibition from the ETH and University of Zurich.

Private Tutoring 2017
Physics, Mathematics, English Switzerland

Private Tutoring of students from fourth grade to high school levels in both Mathematics, Physics and English.

WORKSHOPS

Interdisciplinary winter school from Molecules to ExoLife: February 2017

Winterschool about Astrochemistry, Astrophysics and Astrobiology, *Participant*

East-Asia AGN Workshop December 2017
Participant

BASS Zurich-Kyoto Workshop December 2017
Talks