



Education

2021 – 2022	PhD Student IN FIRST YEAR AT CADI AYYAD UNIVERSITY (MOROCCO) AND UNIVERSITY OF LIEGE (BELGIUM), ENTITLED "ANALYSIS OF COMETS LIGHT CURVES WITH THE TRAPPIST TELESCOPES" UNDER DIRECTION OF PR. EMMANUEL JEHIN AND PR. ABDELHADI JABIRI.
2019 – 2020	MSc IN HIGH ENERGY PHYSICS, ASTRONOMY, ASTROPHYSICS AND COMPUTATIONAL PHYSICS, SPECIALTY : ASTRONOMY AND ASTROPHYSICS THESIS TITLE : IMPROVED TREATMENT OF SYSTEMATIC EFFECTS SEEN WITH HST/WFC3 : EXAMPLE OF WASP-43B, Faculty of Sciences Semlalia, Marrakech, Morocco /CEA, University of Paris-Saclay, France.
2017 – 2018	Bachelor in physical sciences , Faculty of Sciences Ibn Zohr, Agadir, Morocco.
2014 – 2015	EXPERIMENTAL SCIENCES BACCALAUREATE (OPTION : PHYSICAL SCIENCES), EL FATH High School, Dakhla, Morocco.

Experiences

2022 (February - July)	SCIENTIFIC STAY, Practical training at ULiege as an exchange PhD student, as part of the ERASMUS plus program.
2020 (02 March -30 October)	CEA INTERNSHIP "IMPROVED TREATMENT OF SYSTEMATIC EFFECTS SEEN WITH HST/WFC3 : EXAMPLE OF WASP-43B" (REMOTELY) SUPERVISOR : DR.GIUSEPPE MORELLO, CEA, University of Paris-Saclay, France.
2020 (27 February-03 March)	TRAPPIST NORD INTERNSHIP SUPERVISOR : DR.EMMANUEL JEHIN, Oukaimeden Observatory, Oukaimeden, Morocco.
2020 (January-February)	SUPPORT COURSES FOR STUDENTS, Faculty of Sciences Semlalia, Marrakech, Morocco.
2019 (01-30 May)	SUPPORT COURSE (AS PART OF A SOFT SKILLS PROJECT), Primary School Al Massira El Khadra II, Marrakech, Morocco.

Workshops, Schools

2022 (2 - 11 August)	PARTICIPATED WITH A CONTRIBUTED TALK IN THE IAUGA 2022, BUSAN, REPUBLIC OF KOREA..
2022 (1 - 7 July)	PARTICIPATED IN THE SIXTH OUKAIMEDEN INTERNATIONAL SCHOOL FOR ASTROPHYSICS, OUKAIMEDEN, MOROCCO.
2022 (18 - 19 March)	PARTICIPATED WITH A POSTER IN THE SECOND NATIONAL CONGRESS OF FUNDAMENTAL AND APPLIED PHYSICS, MRRAKECH, MOROCCO.
2022 (14 - 18 March)	PARTICIPATED WITH A POSTER IN THE SECOND ANNUAL CONFERENCE OF THE AFRICAN ASTRONOMICAL SOCIETY.
2021 (16 - 22 October)	PARTICIPATED IN THE FIRST ADVANCED ARAS SCHOOL FOR ASTROPHYSICS, KOTTAMIA ASTRONOMICAL OBSERVATORY, EGYPT.

2021 (9-12 March)	PARTICIPATED IN THE VIRTUAL MEETING OF EXOPLANETS-A "EXOPLANET ATMOSPHERE CHARACTERIZATION : FROM HST AND SPITZER TO JWST".
2020 (16-23 October)	PARTICIPATED IN THE 5TH SCHOOL OF ASTROPHYSICS, OF THE ARAB ASTRONOMICAL SOCIETY (ARAS SFA-5), Kottamia Astronomical Observatory, Egypt.
2019 (05-13 October)	ATTENDED THE 20TH MARRAKECH ASTRONOMY FESTIVAL (UCA), Cadi ayyad University, Marrakesh, Morocco.
2018 (22-26 October)	ATTENDED THE FISRT ATLAS DARK SKY MOROCCO WORKSHOP (ADSM), Cadi ayyad University, Marrakesh, Morocco.

Technical Skills

Languages & Software : Python, Matlab, Fortran, AstroImageJ, IRAF, PyRAF, Period04, AudeLa, L^AT_EX.

Codes of astrophysical interest : IRACLIS, ExoTETHyS, TauREx3, EXOFASTv2, Pylight-curve, Wotan.

Office Tools : Word, Excel, Powerpoint.

Operating systems : Windows, Linux.

Language Skills

English : intermediate.

French : current.

Arabic : mother tongue.

Activities & Memberships

- Member in the association "African Astronomical Society".
- Member in the association "Arab Astronomical Society".
- Member in the association "Association of Astronomy Amateurs of Marrakech (3AM)".
- Member in the project "ArAstrobites".
- Member in the club "High Energy Physics and Astrophysics Club".

Hobbies and interests

- Reading, Traveling, Sport.
- Vulgarization of Astronomy.

References

Pr. Emmanuel Jehin, ejehin@uliege.be

STAR Institute - University of Liege, Belgium.

Pr. Abdelhadi Jabiri, jabiri@uca.ac.ma

Oukaïmeden Observatory, High Energy Physics and Astrophysics Laboratory, Cadi Ayyad University, Morocco.

Dr. Youssef moulane, ymoulane@auburn.edu

Department of Physics, Auburn University.

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Oukaïmeden Observatory, High Energy Physics and Astrophysics Laboratory, Cadi Ayyad University, Morocco.

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