

Margaret IKAPE

PERSONAL DATA

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WORK EXPERIENCE

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| <i>Current</i>
SEP 2016 | Teaching Assistant at University of Toronto, Canada.
<i>AST 101/201: Introductory astronomy course for non-majors with topics ranging from planets, stars, galaxies, special relativity etc.</i>
Helping with Observing projects, Giving planetarium shows, Invigilating midterms and final exams, Marking, tutorials. |
| 2013 - 2014 | Assistant Lecturer at FEDERAL COLLEGE OF EDUCATION (TECHNICAL) ASABA, NIGERIA
Taught first and second year students Thermal Physics and Properties of Matter, Invigilation, Exam marking. |

EDUCATION

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| 2018 - DATE | Doctor of Philosophy (PhD) in ASTRONOMY AND ASTROPHYSICS, University of Toronto , Canada
Thesis: "Probing the Reionization epoch with the Simons Observatory"
Advisor: Prof. Renée HLOZEK |
| 2016 - 2018 | Master of Science in ASTRONOMY AND ASTROPHYSICS, University of Toronto , Canada
Thesis: "Probing the Reionization epoch with the Simons Observatory"
Advisor: Prof. Renée HLOZEK
Thesis: "Studying kinematics of nearby galaxies with Wide Integral Field Infrared Spectrograph, WIFIS"
Advisor: Prof. Suresh SIVANANDAM
(Thesis work acknowledged in this paper; https://arxiv.org/pdf/1809.03512.pdf) |
| 2015 - 2016 | Master of Science in MATHEMATICAL SCIENCE,
African Institute for Mathematical Sciences, AIMS , Cameroon
Thesis: "Dynamical Evolution of Supermassive Binary Blackholes (BBHs) in Galactic Nuclei"
Advisor: Prof. Dr. Andreas JUST
Astronomisches Rechen-Institut, Zentrum für Astronomie der Universität Heidelberg
Germany |
| 2008 - 2012 | Undergraduate Degree in PHYSICS and ASTRONOMY
University of Nigeria , Nsukka
Thesis: "Construction, Installation and Testing of a 2.4m radio telescope" |

SCHOLARSHIPS AND AWARDS

- 2019 Dunlap Seed funding proposal for CAD 30,000 for the Pan-African School for Emerging Astronomers (PASEA) in Abuja, Nigeria 2019.
- 2018 - 2020 International Graduate Student Fellowship for Excellence in Doctoral Studies, Department of Astronomy and Astrophysics, University of Toronto, 2018 - 2019 (CAD 6,000).
- 2018 - 2020 Faculty of Arts and Science Program-Level Fellowship (CAD 4,348.39).
- 2019 Mary and Ron Martin International Graduate Fellowship (CAD 4,957).
- 2016 - 2020 University of Toronto Fellowship, Faculty of Arts and Science (CAD 62,328).
- 2018 - 2020 University Of Toronto Tuition Fellowship, Faculty Of Arts And Science (CAD 6,992).
- 2020 Frank S. Hogg Memorial Fellowship Fund (CAD 5,652).
- 2015 African Institute for Mathematical Sciences, AIMS Cameroon.
MasterCard Foundation Scholar.

LANGUAGES

- ENGLISH: Fluent
- FRENCH: Basic Knowledge

COMPUTER/ PROGRAMMING SKILLS

- Basic Knowledge: PYTHON, FORTRAN, HTML, R, LINUX, ubuntu, \LaTeX
- Intermediate Knowledge: Excel, Word, PowerPoint