


AIMS & AMMI Application Profile

Candidate : Sandra Marion Kam Tsemo

Part 1: Personal Info

**AIMS**African Institute for
Mathematical Sciences
NEXT EINSTEIN INITIATIVE

[Home](#) [Logout](#)

You are logged in as: Sandra Marion Kam Tsemo

[Status](#)
[Personal Info](#)
[Education & Employment](#)
[Skills & Interest](#)
[Leadership & community service](#)
[Career interest & personal goals](#)
[References](#)
[Documents upload](#)

Your application reference code: **AMMI222300115**

African Master's in Machine Intelligence Intake

1. PERSONAL INFORMATION

FRANCAIS

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The information provided here is what is being kept as your application profile. Please note, it is your responsibility to make sure that your application is complete. Fields marked with (*) can be edited.

Surname/Family Name

Kam Tsemo

Given Name(s)

Sandra Marion

Preferred Name

Marion

Date of Birth

1996-09-19

*YYYY-MM-DD

Gender

Female

Marital Status

Single

*

E-mail Address

sandra.m.k.tsemo@aims-senegal.or

Country of Birth

Cameroon

Province/Region/State of Origin

Central

Country of Permanent Residence

Cameroon

Country of Current Residence

Senegal

Nationality

Cameroon

If Nationality Acquired by Naturalisation, Indicate Original Nationality

NA

Country of Citizenship

Cameroon

*

Do you have a passport?

Yes

20-09-2026

*

Phone number where you can be reached

Senegal(221)

772570866

*

Permanent Address

Km2 Route De Joal (centre Ird)

*

Do you have any disability?

No

Na

*

Give two contacts to reach in case of an emergency.

First Relative Details*

Contact Full Name

Mopo Tsemo Rose Albertine

Relationship

Mother

Phone Number

675678246

Email Address

moporose@gmail.com

Country of Residence

Cameroon

Second Relative Details*

Contact Full Name

Tchangang Tambekou Roger

Relationship

Godfather

Phone Number

677701947

Email Address

rogerchangang@gmail.com

Country of Residence

Cameroon

2. LANGUAGE SKILLS

Main Language Used for Schooling

English

Indicate your degree of fluency in English and French (AIMS' operating languages) and your native language skills.

Language

Verbal

Written

English

Intermediate

Intermediate

French

Mother tongue

Advanced

Wolof

Basic

Basic

3. AIMS CENTER PREFERENCE

Indicate which centre you would prefer to attend. Please also indicate if you would like to be considered at other centres if your preferred choice is not available.

First Preference

AIMS Senegal

If your first choice is not possible, would you like to be considered for other centers?

Yes

4. CURRENT EMPLOYMENT & ACADEMIC STATUS

Current Status

Student

What is the level of your highest degree?

Masters


When did you complete your most recent degree (or, if currently studying, when do you expect to do so)?

July 2022

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Part 2: Education & Employment

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African Institute for
Mathematical Sciences
NEXT EINSTEIN INITIATIVE

[Home](#) [Logout](#)

You are logged in as: Sandra Marion Kam Tsembo

Status

Personal Info

Education & Employment

Skills & Interest

Leadership & community service

Career interest & personal goals

References

Documents upload

Your application reference code: **AMM1222300115**

African Master's in Machine Intelligence Intake

S. EDUCATION

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Please describe your educational history. You may include up to two education periods, starting with your undergraduate. **Note:** Leave spaces that do not apply empty.

Very Important: You must submit copies of your academic transcripts and certificates for your application to be considered. Failure to submit these will result in your application not being considered.

A). UNDERGRADUATE INFORMATION

Country

Cameroon

Name of university or institute

University of Yaounde 1

Status of university or institute

Public

Degree

Bachelor's degree

Discipline

Mathematics

(Expected) Date of Graduation

July

2018

Description	Percentage Range	Grade	Grade Point Average
Pass	50-55	C	10.75

B). HIGHEST /CURRENT ACADEMIC DEGREE

Provide details on your current or highest university qualification, if different than above

Education Level

Master's

Country

Senegal

Name of University or Institute

African Institute for Mathematical Si

Status of university or institute

Public

Degree

Master's degree

Discipline

Applied Mathematics

(Expected) Date of Graduation

July

2022

Description	Percentage Range	Grade	Grade Point Average
Excellent	85-100	D	85

6. EMPLOYMENT

Please list your last TWO employment positions, if applicable, starting with the most recent.

How many years of work experience (paid or unpaid) do you have?

0

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Part 4: Leadership & Community Service



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African Institute for
Mathematical Sciences
NEXT EINSTEIN INITIATIVE

[Home](#) [Logout](#)

You are logged in as: Sandra Marion Kam Tsemo

[Status](#)

[Personal Info](#)

[Education & Employment](#)

[Skills & Interest](#)

[Leadership & community
service](#)

[Career interest & personal
goals](#)

[References](#)

[Documents upload](#)

Your application reference code: **00115**

African Master's in Machine Intelligence Intake

All admitted students at AMMI are provided full bursary. The following questions are related to your background your career interests, your leadership potential and your commitment to community service. Please respond with as much specific information as possible.

8. LEADERSHIP AND COMMUNITY SERVICE

a). Please name a person or movement that has inspired you and describe how this has affected your life.

I will mention here my teacher, who is also my godfather, Dr. Tchangang Roger, a teacher at the University of Yaoundé I (retired). He taught me analytical geometry during my studies and his dual personality as a teacher on the faculty and as a businessman (importer of copiers) has always captivated and inspired me. I did internships in his company. He has been my role model for a long time and I aspire to be as versatile as him in the future, if not more.

You have **500** characters left.

b). Describe any previously held leadership position, activities, or experiences: (i.e. position where you guided or led a group of people, a project, or a cause)

I was a class representative in Master I and I was called to be very close to the teachers as well as the students. I brought the problems of the students to the administration and I had a sort of spokesperson role for the class. So I had to listen a lot, be patient, and cultivate a spirit of understanding and leadership. It was a great experience that turned out well because I did not encounter any unresolvable problems during this exercise.

You have **500** characters left.

c). How do you define leadership?

Leadership is the ability of a person to direct or guide other people or organisations with the clear aim of achieving certain objectives. A leader is someone who is able to guide, influence and inspire.

You have **500** characters left.

d). What makes someone a good leader?

Their courage, their ability to communicate effectively, their generosity, their humility, their observation skills, their ability to work in a group and not alone. A good leader must be a good listener, but above all he or she must be passionate and inspiring.

You have **500** characters left.

e). What leadership skills do you think you have?

A lot of courage, humility, listening, communication, passion and above all the ability to work in a group with other people.

You have **500** characters left.

f). Describe activities you have undertaken that demonstrate commitment to your community, spirit of service, and/or give back qualities.

leader of a communication group (I-com EEL) in a religious community and my leadership role is constantly observed during the activities of the said community. I have done tutoring programs in several secondary schools in Mbour (Senegal), with the main objective of helping them to understand the lessons with exercises, and I have done the cleaning of the beach and public infrastructures.

You have **500** characters left.

g). Give an example of how you currently contribute to your community or show leadership. This could include serving as a role model to younger siblings or neighbours, or having a leadership role on a team, a community group or a club. Please describe your experience.

In the religious community where I am in charge of the communication unit, I have been asked on several occasions to coordinate a group of people on online video transmissions via Facebook, Zoom, WhatsApp, and Instagram platforms.

You have **500** characters left.

h). How do you see yourself making a difference to your community, to your country or to Africa in the future?

The difference I can make is related to communication. Many people are uninformed or misinformed and to achieve a specific task or goal in any field, you need good information. So that's the difference I can make in my community, wherever I am in the future. And Artificial Intelligence (AI) will be a way to achieve this goal. That is why I'm very interested in this programme.

You have **500** characters left.

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Part 5: Career Interest & Personal Goals



AIMS

African Institute for
Mathematical Sciences
NEXT EINSTEIN INITIATIVE

[Home](#) [Logout](#)

You are logged in as: Sandra Marion Kam Tsemo

[Status](#)

[Personal Info](#)

[Education & Employment](#)

[Skills & Interest](#)

[Leadership & community
service](#)

[Career interest & personal
goals](#)

[References](#)

[Documents upload](#)

Your application reference code: **00115**

African Master's in Machine Intelligence Intake

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9. CAREER INTERESTS AND PERSONAL GOALS

a). Describe your aspirations for social change and how you plan to achieve social change through your career.

My aspirations for social change are focused on educating young Africans to create jobs. Many bright people are waiting to graduate from university and be employed in a public organization, but I call on young people to be creative after they graduate. We need to create businesses, employ the workforce to reduce unemployment and contribute to the effective development of our continent

You have **500** characters left.

For Windows [Mac]: Hold down the control (Ctrl) [command (cmd)] button to select multiple options.

What career do you plan to pursue?

Entrepreneur

Which sector do you plan to impact through your social change aspirations?

Agriculture
Skilled Trade
Small Business / Entrepreneurial
Social And Humanitarian Services

You have selected: Empty,Information
Technology

Which sector do you plan to impact through your career aspirations?

Agriculture
Skilled Trade
Small Business / Entrepreneurial
Social And Humanitarian Services

You have selected: Empty,Information
Technology

Public Speaker Experience

Yes ▾

Describe your previous volunteer experience

I participated in tutoring *programms* in several high schools in *Mboye* (Senegal) with the main objective of helping students to understand the lessons with exercises, especially young women, in order to encourage them to continue their studies in mathematics and science in general. Also, I participated in the cleaning of the beach of *Mbour*, public infrastructures, gullies...and contributed to

If you have been a member of a team, club, organisation, or association, specify role:

Member - AEFAS: Association of Students of the Faculty of Science of th

b). Do you have any experience of working in industry? [Industry is here defined as private or public businesses, government, non-governmental organisations and civil society]. If your answer is "yes," please describe your experience.

I worked through training in trading and financial analysis where I was responsible for trading in the financial markets by buying and selling financial assets, including (corporate) equities, bonds, futures, and derivatives (options, swaps, forwards). Also, I worked as a maintenance assistant in application development: web, software, and mobile solutions and contributed to the development of Matlab software packages.

You have **500** characters left.

c). Do you have serious interests in or aspirations to working in industry immediately after graduating from AIMS? If your answer is "yes," please describe your interests.

Yes, I aspire to work in an industry after graduating from AMMI, mainly to have enough background, knowledge, maturity, and experience to start my own business or be a partner in a start-up project to contribute to the development of the African continent.

You have **500** characters left.

d). Please provide a statement detailing your personal career goals and where you see yourself in 5-10 years' time.

I would like to create a factory to process our raw materials, especially cocoa and wood. I need a thorough knowledge of processing mechanisms and material studies, and of course, in 5 years I see myself working in a company to gain resources and experience, but in 10 years I see myself as the head of my own factory or as a co-shareholder of a factory created by a group of researchers concerned with the development of Africa.

You have **500** characters left.

e). What motivates you to apply for this programme? How do you expect to benefit from studying at AIMS?


The AMMI programme gives me the opportunity to engage in scientific research to solve problems facing the African continent. It is a programme that provides bright young Africans with cutting-edge training in machine learning and its applications. Studying at AMMI will therefore help me cultivate this spirit of scientific inquiry, openness to opportunities, and most importantly the background to contribute to solving Africa's problems.

You have **500** characters left.

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Part 6: References

**AIMS**

African Institute for
Mathematical Sciences
NEXT EINSTEIN INITIATIVE

[Home](#) [Logout](#)

You are logged in as: Sandra Marion Kam Tsem

[Status](#)
[Personal Info](#)
[Education & Employment](#)
[Skills & Interest](#)
[Leadership & community service](#)
[Career interest & personal goals](#)
[References](#)
[Documents upload](#)

Your application reference code: **AMMI222300115**

African Master's in Machine Intelligence Intake

10. REFERENCES

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Provide names and addresses of two referees who have agreed to testify to your suitability for the AMMI programme. Make sure to include at least one who can confirm your academic aptitude and personal qualities (e.g. head of department, lecturer, supervisor). They will be contacted if you have been shortlisted for admission.

NOTE: All field(s) for both referees are mandatory.

A). REFEREE 1

Name and Surname

Lema Logamou Seknewna

Position and Title

Ph.d. And Tutor At Aims Senegal

E-mail Address

lema.l.seknewna@aims-senegal.org

Confirm E-mail Address

lema.l.seknewna@aims-senegal.org

Phone Number

+23598772198

Address - Preferably Institutional

Km2 route de Joal (Centre IRD)
BP: 1418
Mbour-Thies
Senegal

B). REFEREE 2

Name and Surname

Lionel Ngoupeyou Tondji

Position and Title

Phd Candidate, Marie Skłodowska-ci

E-mail Address

Ltondji@gmail.com

Confirm E-mail Address

Ltondji@gmail.com

Phone Number

+4915731100052


Address - Preferably Institutional

Brunswick, Lower Saxony, Germany

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APPLICATIONS ARE NOW CLOSED. EVALUATION IN PROGRESS.

Part 7: Documents Upload

**AIMS**

African Institute for
Mathematical Sciences
NEXT EINSTEIN INITIATIVE

[Home](#) [Logout](#)

You are logged in as: Sandra Marion Kam Tsemo

Status

Personal Info

Education & Employment

Skills & Interest

Leadership & community service

Career interest & personal goals

References

Documents upload

Your application reference code: **AMMI222300115**

African Master's in Machine Intelligence Intake

11. ATTACHMENTS

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Note: Your profile will be considered incomplete until ALL your university degree transcripts/certificates have been submitted.

Applications are now closed. No more transcripts/documents can be received.

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End.