



# AIMS

African Institute for  
Mathematical Sciences  
**SOUTH AFRICA**



# Welcome Guide



**Please note: AIMS South Africa is a non-smoking and alcohol free campus.**



# AIMS

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Mathematical Sciences  
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***African Institute for Mathematical Sciences South Africa***

6 MELROSE ROAD | MUIZENBERG | CAPE TOWN 7945 | SOUTH AFRICA

EMAIL: [info@aims.ac.za](mailto:info@aims.ac.za) | WEB: [www.aims.ac.za](http://www.aims.ac.za)



## Key Contacts

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**Naomi Fekema**

Senior Administrative Officer  
(Villa 1)

087822414

[naomi@aims.ac.za](mailto:naomi@aims.ac.za)

*Contact Naomi for Academic  
Programme enquiries, fax, mail,  
office supplies etc.*

**Igsaan Kamalie**

Facilities and Logistics Manager  
(Ground floor, Main Building,  
office opposite the elevator)

0878217112

[ike@aims.ac.za](mailto:ike@aims.ac.za)

*Contact Igsaan for any concerns  
about your office environment,  
issues with accommodation or any  
other facility related enquiries.*

**Joan Africa Brown**

Senior Administrative Officer  
(Villa 2)

0878221160

[joan@aims.ac.za](mailto:joan@aims.ac.za)

*Contact Joan for Research Centre  
enquiries.*

**Jan Groenewald**

IT Manager  
(Room 110, Main Building)

0878216169

*Contact the IT team for any  
problems with computers,  
printing, or programmes. Submit  
your request to [help@aims.ac.za](mailto:help@aims.ac.za), or  
mail [jan@aims.ac.za](mailto:jan@aims.ac.za) for help with  
scientific software at AIMS South  
Africa.*

## Note from the Centre Director

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*Welcome to AIMS South Africa.*

We are overjoyed that you are joining us in Muizenberg, whether for a day, a week, or many years. It is said that the human mind, once stretched, can never regain its original dimensions. You are going to make friends from many countries, and your horizons are going to be stretched! My hope for you is that your sojourn at AIMS will be an enriching time, and that you will leave with fond memories that will last you a lifetime!

Dr Ulrich Paquet.  
Director, AIMS South Africa





# Teaching at AIMS

*The AIMS mission is to provide an excellent, advanced education to talented and highly motivated African students in order to develop independent thinkers, researchers and problem solvers who will contribute to Africa's development. One of the key features of studying at AIMS is the highly enriching experience of students and lecturers eating and living together within a 24 hour learning environment, and the consequent friendly and informal atmosphere, coupled with active and meaningful participation during the teaching sessions.*

“ We should not underestimate the value of this feeling that AIMS is an institute in which we are all learning and teaching together with the common goal of sharing our knowledge and experiences with each other. ”

Each year AIMS South Africa takes approximately 70 students from around twenty five different African countries with a complete mix of race, religion and gender. There are two intakes a year, one in January and the other in mid-August. A new Master's stream, AI for Science, will be introduced in August 2023. By far the most common response to the question, "What does your year at AIMS really mean to you?" is "the opportunity to meet, and live with, people from all over the African continent, and to meet, and get to know, the lecturers as individuals". We should not underestimate the value of this feeling that AIMS is an institute in which we are all learning and teaching together with the common goal of sharing our knowledge and experiences with each other.

## Teaching and Learning Strategy

The teaching at AIMS is based on the principle of learning and understanding, rather than simply listening and writing, during classes; and on creating an atmosphere of increasing knowledge through small group discussions. This is achieved by formulating conjectures and assessing the evidence for them, and sometimes going down wrong paths and learning from these mistakes. The essential feature of the classes at AIMS is that, in contrast to formal lecture courses, they are highly interactive; and time is allocated for class discussions. In this way, AIMS provides a climate of interactive teaching, where students are encouraged to learn together in a journey of questioning and discovery, and where lecturers respond to the needs of the class rather than to a pre-determined syllabus. The AIMS teaching philosophy is to promote critical and creative thinking; to experience the excitement of learning from true understanding; and to avoid rote learning directed only towards assessment. Students are helped and encouraged to develop their own ideas, both during and outside formal class times, and to absorb new ideas instead of being presented with the finished product. The teaching at AIMS is done through self-contained (modular) courses in which the advertised content is used as a guide, and lecturers are encouraged, and expected, to adapt daily to meet the needs of the students. The challenge for the lecturers is to create a sense of enquiry in all students who come from very diverse backgrounds. Each student should develop, and succeed, from their own particular starting point. AIMS considers the journey undertaken to reach a conclusion to be as



important as the conclusion itself.



# The AIMS Master's

*Each AIMS centre offers an intensive one year graduate-level course leading to a taught Master's Degree in Mathematical Sciences. The course provides both a broad overview of cutting-edge science and strong mathematical and computer research skills.*

The course is unique, offering students' exposure to a range of topics, thereby allowing them to make an informed choice as to their future specialisation. The goal is to develop well-rounded scientists, with excellent problem-solving skills, capable of creative thinking and genuine innovation. There is a strong grounding in end-to-end skills, from problem formulation, estimation, prioritization, and generally applicable mathematical and computing methods, to clear and concise scientific report writing. The aim is to equip students with the necessary tools and confidence for decision-making and policy analysis.

Faculties from African universities have been intimately involved in developing the AIMS curriculum, ensuring it is integrated with local undergraduate and Master's courses, and with local post-graduate research opportunities.

World-leading scientists and educators have volunteered to teach at AIMS centres. Their participation ensures an education of the highest international quality. Tutors (often including AIMS alumni) provide teaching and administrative support, assistance to foreign language speakers, and continuity across the visiting lecturers.

## AIMS Taught Master's Program



### **First semester: Skills courses**

Skills courses are compulsory and are designed to:

- provide introductory and foundational material to the students;
- train students in problem solving using a wide range of mathematical and computing methods;
- provide a working knowledge of mathematics, physics and selected topics.

They are structured to achieve pre-defined outcomes, with little flexibility in their content.

### **Second semester: Review courses**

Review courses are elective and are fundamentally different. Each is flexibly designed and together they provide a wide range of topics. Students are required to complete 11 courses selected from the 18 review courses offered (with at most two chosen from any three-week block). Choices offered are balanced as far as possible with respect to focus on mathematics, physics, computer science and interdisciplinary topics, such as bio-mathematics, financial mathematics, and more. Students can select from the list of courses in consultation with the Academic Director who ensures coherence.

The AIMS understanding is that each Review Course provides an overview and in depth study of some topic from a major field of modern scientific work in the mathematical sciences and its applications. These are often relevant to African development.





### ***Third semester: Research project***

During the three-month long research project phase students work on a research topic with a supervisor. Students are not expected to do original work to achieve a passing grade, but the criterion for an outstanding research project is broadly that it could constitute the early part of a Research Master's thesis. For example, it could be publishable in a journal, or form an outstanding introduction to the field that could be used by other students entering the area. During this phase targeted communication skills and computing classes may continue, at the supervisor's discretion.

The purpose of the research project is:

- to give students the opportunity to work with an expert supervisor on a non-trivial project;
- to go through the process of independently reviewing, understanding and explaining scientific or mathematical material;
- to optionally do experiments - on a computer or otherwise – and report the results;
- to write a scientific report, and to defend it in an oral exam.

### ***Assessment and evaluation***

It will be clear by now that the form of assessment used by traditional universities does not help to achieve the AIMS goals. The academic assessment of students for the AIMS Master's Mathematical Sciences is accomplished in three ways:

- Continuous assessment through written assignments, tutorials, short tests and student presentations set by the lecturers.
- The mark awarded for a given course is determined by the lecturer concerned in consultation with the tutors involved and Academic Director.
- During the skills phase, group work and individual growth is emphasised in a less formal context and for these courses the mark obtained is a pass or a fail. Sometimes active participation in an activity is required; sometimes certain skills must be acquired.
- A written research project which the student is required to present (orally) to a panel of examiners. This panel includes the AIMS Director, the Academic Director, the supervisor, a teaching assistant and at least one external examiner.
- During the review and research project phases, the range of marks that can be given is as follows:
  - Distinction: 85-100%
  - Very Good Pass: 80-84%
  - Good Pass: 70-79%
  - Pass: 60-69%
  - Fail: Less than 60%





- To obtain the AIMS Master's in Mathematical Sciences with distinction, requires:
  - a pass for the skills courses
  - at least 6 distinctions for the review phase
  - a distinction for the research project phase
- In extraordinary circumstances where the quality of the research project is highly exceptional, fewer review distinctions may be required when awarding the degree with distinction.
- In order to complete the AIMS Master's degree successfully, a pass is required for each of the phases.
- Integrated assessment - a portfolio for each student is compiled, containing the grades achieved for each of the courses attended as well as observations on their presentations, all their assignments, completed exercises and their final research project.

Each student is registered, and graduates, from one of Cape Town's three universities. External evaluation of each student's performance and all aspects of the programme is conducted by six senior academics representing the different mathematical sciences disciplines (including Physics). The outcome of the integrated assessment is reported to the university at which each student is registered.

## Teaching Assistants

*Teaching assistants are a fundamental feature of the AIMS model. AIMS appoints between eight and ten PhD holders or advanced postgraduate students as teaching assistants for each centre. The duties of the teaching assistants are to provide assistance to the Academic Director and lecturers in matters concerning the academic program and the assessment of students.*

Teaching assistants attend the lecture courses; arrange additional tutorials; assist with the marking of assignments; and assist the students with computing and research project writing. Teaching assistants also provide useful information to assist the Academic Director when writing student references. Teaching assistants are recruited via an announcement through AIMS' mailing lists. Criteria considered for selection include: academic achievement, ability to speak relevant languages, and an ability to function in the unusual AIMS teaching environment.







## Computing Facilities

There is a computer laboratory for AIMS students and offices are equipped with computers. Username/passwords are provided on arrival at the centre.

### **Visiting Laptops**

The wireless network is called "AIMS", and it automatically redirects one to a device registration form. Passwords for this are issued on arrival. Once submitted it is forwarded to IT for approval. During office hours approval is typically less than 10 minutes.

### **Wireless in the Main AIMS building accommodation**

Wireless is provided on the ground and first floors, yet many of the rooms can see the signal due to proximity; however the network is not intended to cover accommodation and does not reach all rooms. Since it is a single building, visitors have 24-hour, safe access to the first floor offices and computer labs.

### **Electronic Journal Access**

Visitors have temporary journal and citation database access at [library.sun.ac.za](http://library.sun.ac.za). Access details can be requested from the AIMS administration team.

### **AIMS South Africa uses Free and Open Source Software:**

- Debian GNU/Linux for desktops and servers
- Python, SciPy, R, and SAGE for scientific computation

### **Acceptable Use Policy**

By using the AIMS network you automatically agree to the Acceptable use Policies of our Internet Service Provider, the Tertiary Education Network, as well as South African law. You can read those policies here:

<http://www.tenet.ac.za/doc/aup-3-2.pdf>

[http://www.internet.org.za/ect\\_act.html](http://www.internet.org.za/ect_act.html)

Use of this network is always monitored on an aggregate basis, and when incidents need to be responded to we may look at individual usage histories in detail.

### **Assistance**

We are at [help@aims.ac.za](mailto:help@aims.ac.za), Office 110.

### **Electricity in South Africa:**

The South African electricity supply is 220/230 volts AC 50 HZ. Most plugs are 15 amp 3-prong or 5 amp 2-prong, with round pins. If an adaptor is required, consider bringing one with you, although they can be purchased locally. US-made appliances may need a transformer.





# Library Facilities

There is a library in the main building which has a reasonable collection of books and holds some journals.

A catalogue of what is available in the Library is on the AIMS South Africa website <http://www.aims.ac.za/resources/library>.

## ***Access to Libraries at the local universities***

Access to libraries at the local universities (Stellenbosch University (SU), University of Cape Town (UCT), University of the Western Cape (UWC)) will depend on your appointment status in the Research Centre or on where you are registered as a postdoctoral fellow/research student.

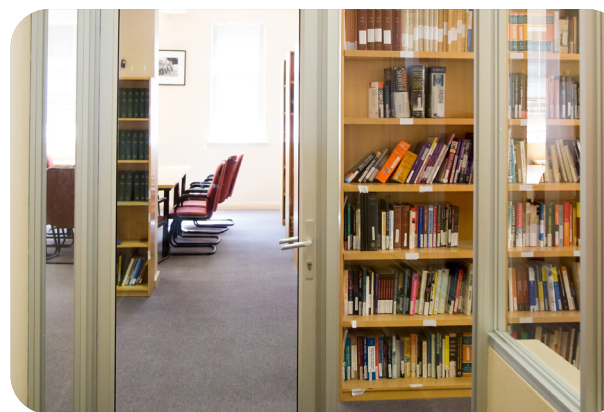
- Access to the SU library: If you are appointed on contract as a researcher or postdoctoral fellow through SU or if you are a postgraduate student registered at SU you will get a UT number (for staff members) or a student number (for postgraduate students, postdoctoral fellows and research students). You can then obtain a card which will give you physical access to the SU Library. If you are appointed on a shorter-term fellowship (and receive an honorarium) you should please contact Joan ([joan@aims.ac.za](mailto:joan@aims.ac.za)) who will help you with getting access to the library.

## ***Electronic Library Facilities***

Visitors can request temporary journal and citation database access by asking Joan ([joan@aims.ac.za](mailto:joan@aims.ac.za)).

## ***Printing and Xerox Facilities***

Printing and Xerox facilities are available at Administration which is housed in the Villa and in the Laboratory in the Main Building. Xerox facilities can also be found in the Library.



# Accommodation

Accommodation is available in the AIMS South Africa residences and meals are provided on a daily basis to researchers, students, lecturers and staff.



## ***Student accommodation***

Student accommodation is available for students in the main building at 6 Melrose Road. Bathroom facilities are shared. Facilities for making tea and coffee are available in the dining hall. Students are responsible for cleaning their own rooms. A laundry service is available. Some of these rooms, and all of the common areas have wireless internet connectivity.

## ***Visiting lecturer accommodation***

Lecturers are accommodated in the main building. These single or double rooms have ensuite bathrooms. There are no catering facilities in these rooms but tea and coffee facilities are available in the dining hall. This accommodation is cleaned once a week. A laundry service is

available. Some of these rooms, and all of the common areas have wireless internet connectivity. AIMS South Africa does not have suitable accommodation for families. Please see the “Alternative Accommodation” section for suitable establishments nearby.

## ***Teaching assistants and Master’s students accommodation***

Accommodation is also available for tutors, Master’s and PhD students at the Watson Street Residence (16 Watson Street) which is within walking distance from the main building (approximately 300 m). All rooms are single occupancy and bathroom facilities are shared. There is also a communal kitchen and laundry facilities. This accommodation is not serviced. Most of the rooms, and all common areas have wireless internet connectivity.

## ***Researcher accommodation***

Researchers are accommodated at the St Claire’s Residence (14 Watson Street) which is situated a short walk from the main building. These single occupancy rooms have ensuite bathrooms. The house is also equipped with a communal kitchen and laundry facilities. Most of the rooms, and all common areas have wireless internet connectivity.

## ***Alternative Accommodation***

For those seeking less basic or accommodation which is more private or more suitable for families it may be more appropriate to seek alternative accommodation in Muizenberg or further afield. In such instances AIMS South Africa may make a contribution towards accommodation costs at a rate equivalent to the accommodation costs at its residences. Visitors need to inform the administration team in advance if they wish to make use of alternative accommodation. Accommodation can be rented in Muizenberg or elsewhere.

Please visit the following websites for more information: [www.whalewatchers.co.za](http://www.whalewatchers.co.za) or [www.surferscorner.com](http://www.surferscorner.com)





## Meals

Meals are served in our dining area on the ground floor. The menu is South Africa fare with occasional African dishes. A vegetarian option is available. Please inform the Facilities and Logistics Manager, Igsaan Kamalie ([igsaan@aims.ac.za](mailto:igsaan@aims.ac.za), 0878217112, 0722165628), if you wish to take the vegetarian option or if you have other special dietary requirements.

### **General meal times are as follows:**

- Breakfast: 7.45 to 8.15
- Lunch: 13.00 to 13.30
- Dinner 18:00 to 18:30

These times may vary during the course of the year. Any changes will be announced.

Tea is served for staff, tutors and researchers at 10:30 in the common room on the ground floor.

Facilities for making tea and coffee at other times are available in the dining hall.



## Tourism

Muizenberg is a seaside resort and surfers paradise and AIMS South Africa is ideally situated within 100 metres of the sea. There is a good train connection to Cape Town city centre and to Simonstown, a picturesque naval base and how to a growing African penguin colony. The road through Simonstown will take you to a Nature Reserve at Cape Point. Cape Town is one of the most beautiful cities in the world and much of it can be explored using Muizenberg as a base. You may also wish to consult the following websites for information about tourism activities, events, accommodation and reservations in Cape Town and the surrounding areas.



### **AROUND MUIZENBERG**

<http://www.muizenberg.info/>

#### **Cape Town**

<http://tourismcapetown.co.za/home>

<http://www.capetown.travel/>

#### **Western Cape**

<http://www.southafrica.net/za/en/articles/overview/western-cape>

### **TRAVELLING FURTHER AFIELD**

#### **South Africa**

<http://www.southafrica.net/za/en/landing/visitor-home>

#### **Northern Cape**

<http://experiencenortherncape.com/>

#### **Eastern Cape**

<http://www.visiteasterncape.co.za/KwaZulu-Natal>

<http://www.zulu.org.za/>

#### **Free State**

<http://freestatetourism.org/>

#### **Gauteng**

<http://www.gauteng.net/>

#### **North West**

<http://www.tourismnorthwest.co.za/>

#### **Limpopo**

<http://www.golimpopo.com/>

#### **Mpumalanga**

<http://www.mpumalanga.com/>



## The Research Centre

The Research Centre is housed in two historical buildings, the Villa at 5 Melrose Road and the Hall at 7 Melrose Road opposite the main building (Opening hours 07.00 to 23.00).

AIMS is contributing to Africa's transformation by supporting outstanding research in the mathematical sciences with emphasis on those areas that promote development and prosperity in Africa. The AIMS research environment encourages research freedom, with researchers conducting research that will impact humanity; support local and global strategic-driven initiatives; and forecast and respond to emerging challenges and opportunities.

The mission of the Research Centre is to conduct and foster outstanding research and learning in the mathematical sciences, thus contributing to the next generation of pan-African leaders in many spheres and the advancement of African science and academia within a multicultural environment.

The Research Centre offers Doctoral and Master's bursaries for research study under the supervision of our researchers. There are also fellowships available to a variety of visiting researchers.

The overarching theme of the Research Centre is "Mathematical Modelling in a Multi-disciplinary context", with a special focus on data analysis and computation. Two important themes, Mathematics for

Development and AIMS as a Doctoral Training Centres, cut across each of the research focus areas.

### ***Our present focus areas are:***

- Cosmology and Astrophysics
- Mathematical and physical biosciences
- Mathematical finance and economics
- Mathematical foundations of scientific computing
- Data Science and Information Systems

Two important themes, Mathematics for Development and AIMS South Africa as a Doctoral Training Centre, cut across each of the research focus areas.

We also maintain close ties with industry by running programmes associated with particular industrial needs, assisting in capacity building and collaboration on innovative projects.

The Research Centre hosts research chairs, resident researchers, postdoctoral fellows, PhD and Research Master's students. It can accommodate an additional eight visiting researchers. For more information please visit <https://aims.ac.za/research/>

### ***Workshops and Conferences***

AIMS South Africa contributes to regional and national research activities by hosting or co-hosting short courses and workshops in various mathematical fields including: Epidemiological Modelling, Financial Mathematics, Computational Mathematics, Biomathematics, Cosmology and Data Science. For more information please visit <https://aims.ac.za/research/workshops-conferences>





## ***Seminars, Lectures***

Currently there is a Journal Club (please see <https://sites.google.com/a/aims.ac.za/journal-club/>) usually on Tuesdays, where researchers, postdoctoral fellows and research students present interesting research articles to an audience of researchers, postdoctoral fellows and research students with different backgrounds in the mathematical sciences. The Research Centre is a small research group committed to a diverse multidisciplinary approach. Visitors are encouraged to attend all seminars (and not just those in their field of study).

The Cosmology Group also hosts seminars which usually take place on Mondays, please see <http://cosmoaims.wordpress.com/> for more information.

Public lectures are usually held once a month and cover a range of topics, members of the public, current students and researchers are invited to attend. For more information see <https://aims.ac.za/public-engagement/public-lectures/?lang=en>

## ***Visiting Researcher Final Reports***

A condition of acceptance of a visiting research position at AIMS is that researchers will:

- Give several seminars, at least one suitable for an audience not knowing the field.
- Present a brief non-technical report approximately two weeks before departure. This report should be no more than one page and should list (in a non-technical way) work completed while at AIMS South Africa (seminars given etc). This report will be used when preparing the Annual Report, and when reporting to other bodies.
- Present a brief technical report approximately two weeks before departure. This report should be approximately two pages in which research activities and achievements during your stay are described.
- AIMS South Africa should be mentioned on all publications emanating from work done here.

## ***Visiting local universities***

AIMS South Africa is a collaborative project of six universities of which three, the UCT, SU and UWC are all located in relative close proximity.

- UCT (<http://www.uct.ac.za/>) is in Rondebosch (about 20km away),
- UWC (<http://www.uwc.ac.za/>) in Bellville (about 30km away) and
- Su (<http://www.sun.ac.za/>) in Stellenbosch (about 40km away).

The Facilities and Logistics Manager, Igsaan Kamalie ([igsaan@aims.ac.za](mailto:igsaan@aims.ac.za), 0878217112, 0722165628), travels regularly to these universities and visiting researchers can approach him for transport should they wish to visit any of them.

## ***Additional Information***

Information about research activities at other universities will be distributed regularly by internal email. More information about the centre, research opportunities and up to date lists of researchers and students currently in the Research Centre can be found at <https://aims.ac.za/about-the-research-centre-2/>

## ***PLEASE NOTE:***

**For security reasons the Research Centre is only accessible between 7am and 11pm.**



# Public Engagement

AIMS South Africa is committed to increasing the pipeline of students progressing into secondary and tertiary mathematics education, and to decreasing the failure or drop-out rate of mathematics students at all levels. Through new approaches, the use of technology and updated curricula, AIMS South Africa is focusing on strengthening teacher capacity and reaching as many students as possible through the AIMS Schools Enrichment Programme (AIMSSEC).

The AIMS House of Science is the coordination hub of AIMS South Africa's public engagement activities. Delivering public engagement and advancing leadership, knowledge and skills for scientific outreach and science communication for AIMS students and researchers. House of Science also provides mentoring and capacity building to enhance and up-scale AIMS students and researchers in research dissemination and community outreach.

For more information please visit <https://aims.ac.za/public-engagement/>

## AIMSSEC

AIMSSEC is a schools mathematics enrichment programme offering free learning resources for learners of ages from 5 to 18+ years together with professional development courses for teachers.

AIMSSEC has successfully established itself in South Africa with a strong track record of offering high-quality teacher training courses and delivering programmes across South Africa and for the Eastern Cape government.

The objectives of the AIMSSEC programme are the extension of educational opportunities for disadvantaged communities in South Africa, the introduction of new skills to the teaching and learning of mathematics and the raising of standards.

AIMSSEC promotes active enquiry based learning, mathematical thinking, communication and problem-solving skills. AIMSSEC runs three types of professional development courses for primary and secondary teachers, subject advisers and field trainers from all over South Africa. The

Mathematical Thinking 3-month course and the Advanced Certificate in Education 2-year course cater for mathematically under qualified teachers and the 8-month AIMING HIGHER Maths with wings course empowers better qualified educators for subject leadership roles and teaching up to an internationally equivalent university entrance standard. These blended learning courses combine residential units, online learning, TV broadcasts, home-study and examinations for qualifications awarded by AIMS and the universities of Stellenbosch and Fort Hare.

AIMSSEC also organises local teacher workshops, master classes and special events for learners, and contributes to maths clubs in schools. <http://aimssec.aims.ac.za>

## AIMS House of Science

The objective of this programme are to:

- To build capacity and train AIMS students, researchers, academics and alumni so that they are better enabled, skilled and confident in undertaking public engagement activities, initiatives and community outreach.
- To promote mathematics and science engagement with the broader community in Africa, showcasing mathematical sciences and its research applications conducted at AIMS.
- To stimulate young people's interest to pursue careers in science, technology, engineering and







mathematics (STEM) and become the next generation of scientists, leaders and problem solvers.

- To improve the participation, progression and retention rates of women and girls in STEM-related fields.
- To conduct research studies on various topical issues on science/maths communication and gender in STEM in Africa.

The House of Science organises, co-host/participates in various events. The events include the Public Lectures Series, Pan-African Mathematics Olympiad (PAMO), AIMS Women in STEM, Pi-day Celebration, National Science Week, South African Women in Mathematical Sciences workshops, Job Shadowing, Learner Advancement, University students research/study visit at AIMS, etc.

For more information please contact Dr Rejoyce Gavhi-Molefe ([houseofscience@aims.ac.za](mailto:houseofscience@aims.ac.za)) or visit <https://sites.google.com/aims.ac.za/house-of-science>

## General Information

### Healthcare

In an emergency please first contact:

**Igsaan Kamalie** Facilities and Logistics Manager,  
0878217112 Mobile 072 216 5628

#### Doctor (GP)

Marina Medical  
Tel: 021 788 9466

#### Dentist

Dr Berhadien Prince George Drive  
Tel: 021 788 2991

#### Optometrist

Hodgkinson & Van Niekerk  
Tel: 021 788 7281

#### Walk in clinic

Medicross Tokai Cnr Tokai Road  
& Keyser River Drive,  
Tokai, Cape Town  
Tel: 021 715 7063

#### Pharmacy

Rustenberg Pharmacy  
Balmoral Building, 52 Beach Road,  
Muizenberg, 7945  
Tel: 021 788 8048

### SECURITY ALERT

As in any foreign country, visitors are advised to be aware and alert when travelling to avoid falling prey to petty theft and crime. Most areas and attractions of South Africa can be safely visited but for your own safety it is important that you do not walk around late at night. Always be discreet with expensive camera equipment and jewellery and be aware of your surroundings.

We ask that you take special care when walking in places which are away from the public eye. Especially when walking on Muizenberg beach or along the boardwalk to St James, even during daylight hours.

It is important that you take precautions and we advise that you always walk in groups.

### Emergency Contact Numbers

Chubb Armed Response - 0861 021 911  
Chubb Medical Response - 0861 227 228  
Netcare Ambulance - 82911

Police Flying Squad - 10111  
Police Muizenberg - 021 787 9000  
Ambulance - 10177



## **Banking**

Visitors to AIMS South Africa must note that there are no foreign exchange facilities in close proximity to AIMS South Africa in Muizenberg. Please convert your foreign currency to ZAR at one of the Foreign Currency Exchange outlets at Cape Town International Airport, if required.

### **ABSA**

Town Square, Fish Hoek  
Tel: 021 782 6337

### **Bidvest**

Shop number 6, The Arcade,  
Main Road, Fish Hoek  
Tel: 021 782 6480

### **Nedbank**

Windsor House, 85A Main Road,  
Fish Hoek, Tel: 021 784 0900

### **Standard Bank**

77 Main Road, Fish Hoek  
Tel: 0860101341

## **Grocery Stores**

### **Checkers**

Shoprite Centre,  
Corner of Main and Atlantic Rds  
Muizenberg, 7945  
Monday-Thursday: 09:00 - 19:00  
Friday: 09:00 - 21:00  
Saturday: 08:00 - 19:00  
Sunday: 09:00 - 17:00

### **Woolworths**

Old Bakery Lakeside, Shop 14,  
Atwells Village Centre,  
Corner of Main Rd & Lincoln St  
Monday-Friday: 09:00 - 19:00  
Saturday/Sunday: 08:30 - 18:30

### **Pick and Pay - Lakeside**

Shop 1 Lakeside Centre,  
Main Road, Lakeside  
Monday-Sunday: 07:30 - 21:00

### **Pick and Pay - Muizenberg**

Deury Road, Prince George Drive,  
Capricorn Park  
Monday - Friday 08:00 - 20:00  
Saturday: 08:00 - 20:00  
Sunday: 08:00 - 20:00

## **Shopping & Entertainment**

### **Blue Route Mall**

Tokai Road, Tokai  
<http://www.blueroute.co.za>

### **Cavendish Square**

2 Cavendish Street  
Cape Town 7708  
<http://www.cavendish.co.za/>

For a listing of restaurants in Muizenberg, please visit:

[https://www.tripadvisor.co.za/Restaurants-g1509162-Muizenberg\\_Western\\_Cape.html](https://www.tripadvisor.co.za/Restaurants-g1509162-Muizenberg_Western_Cape.html)

Please note gratuities tend not to be included in South African restaurants. It is customary to tip at least 10% on a total bill.

## **Transportation**

### **Trains**

Southern Line Tourism Route: For one fixed fee you can travel between Cape Town, Observatory, Newlands, Muizenberg, Kalk Bay and Simon's Town as many times as you like between 8:00 and 16:00. You can buy your ticket at participating stations. You will receive a map that indicates tourist attractions within walking distance of each station. For more information, timetables and fares please visit <http://www.capemetrail.co.za>





## Car Hire

It is probably easiest to hire a car from the airport.

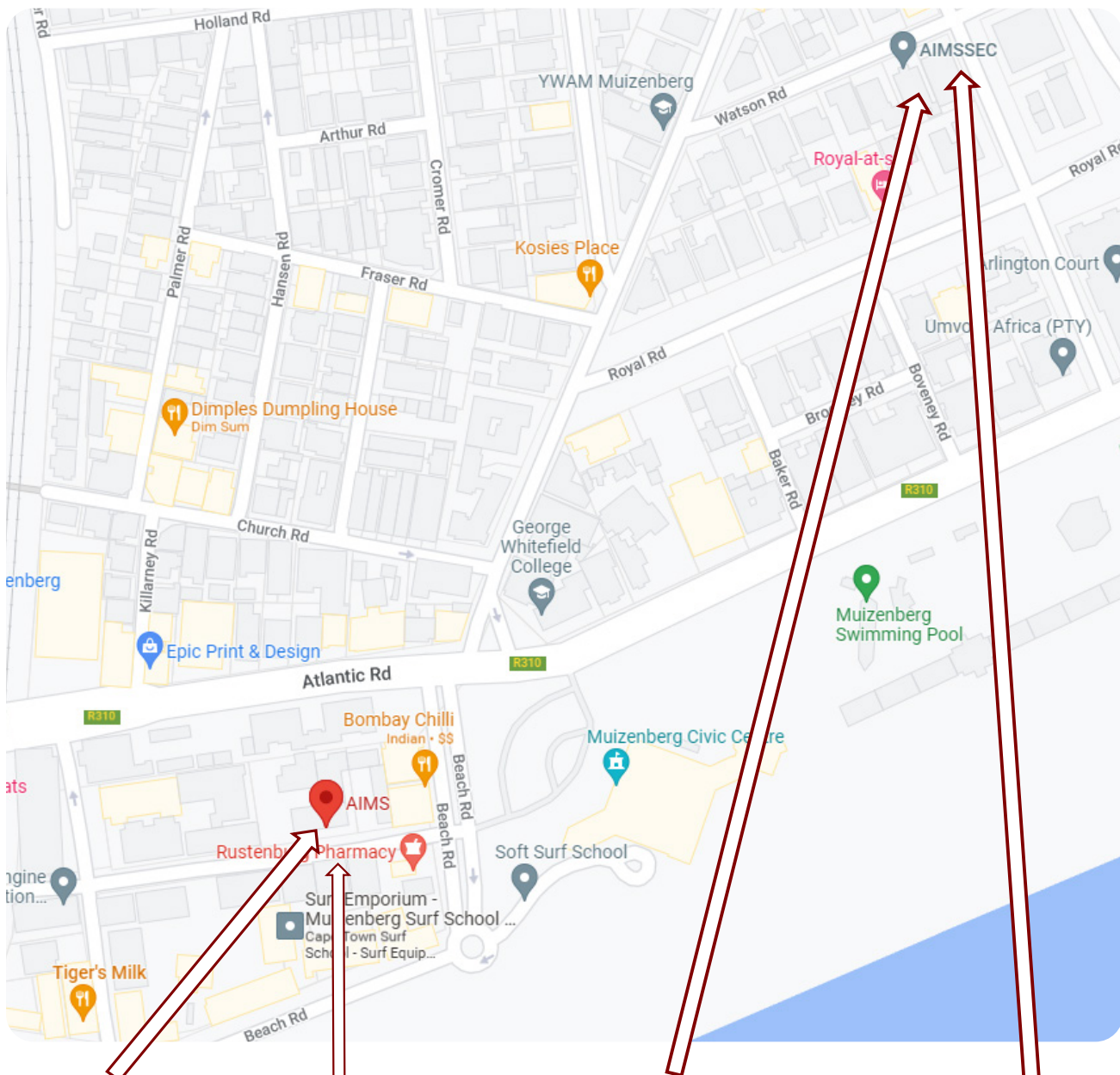
Please visit: <http://www.eurocar.co.za/> or <http://www.budget.co.za/> Alternatively you can contact:

Kevin Mudenda, 4x4 Specialist and Rental Consultant SA. Tel: 0860 000 060, Int. +27 (0)21 423 1912

Email: [kevin@drivesouthafrica.co.za](mailto:kevin@drivesouthafrica.co.za) <http://www.drivesouthafrica.co.za/>

# Directions and Maps

## AIMS Buildings



### AIMS Main Building

6 Melrose Road  
Muizenberg  
7945

### AIMS Hall and Villa

5-7 Melrose Road  
Muizenberg  
7945

### St Claire's Residence

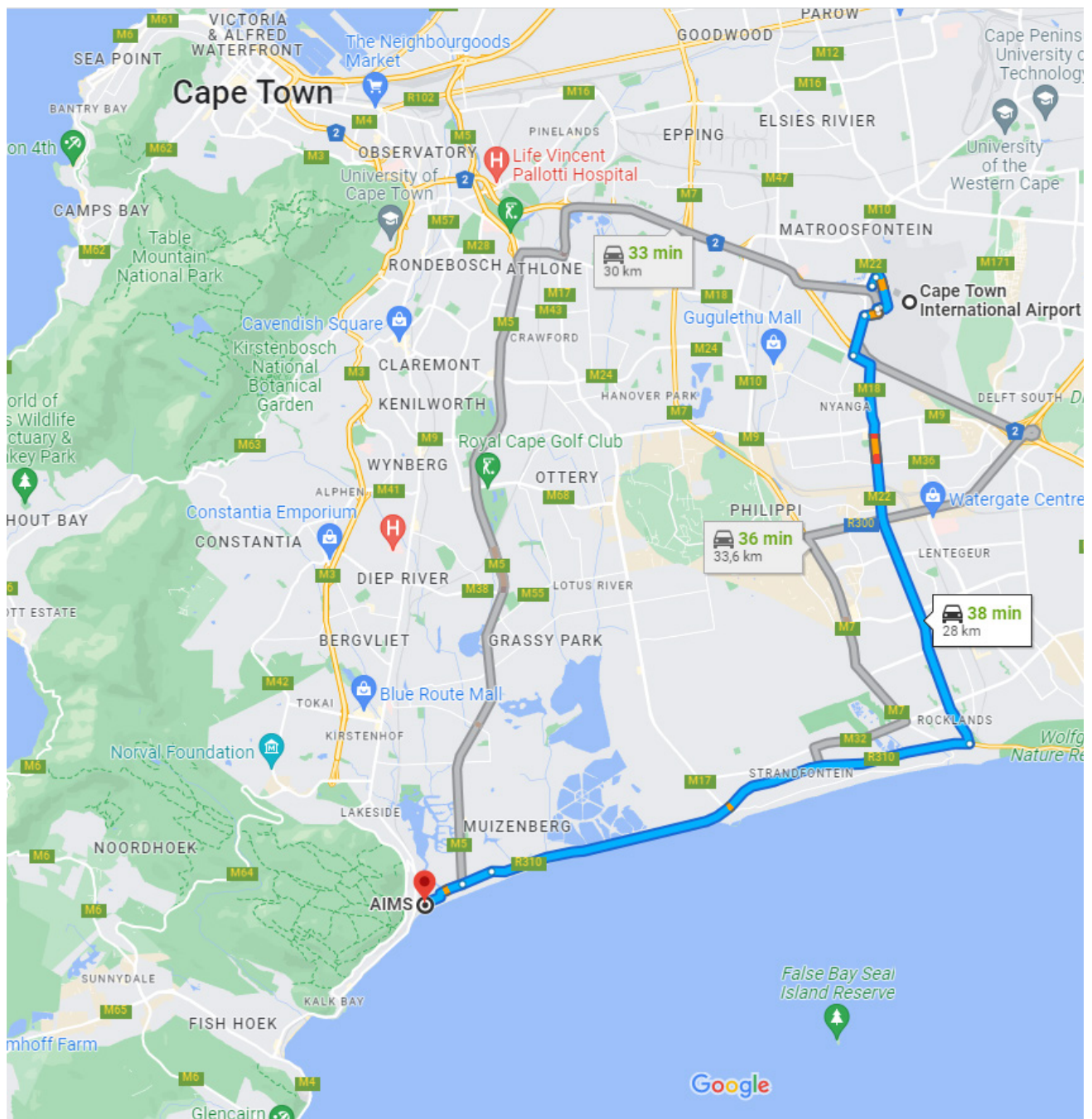
14 Watson Street  
Muizenberg  
7945

### Watson Street Residence

16 Watson Street  
Muizenberg  
7945

## ***Directions from Cape Town International Airport***

1. Leave the airport on the Airport Approach road and take the N2 turn-off heading towards Cape Town.
2. Approx. 6km further, take Exit 11 onto the M17 (Jan Smuts Drive).
3. Approx. 1km further, at the first set of traffic lights, turn right onto the M18 (Klipfontein Road).
4. Approx. 1 km further, turn left onto the M5 southbound (Kromboom Parkway). Note that the M5 changes name to Prince George Drive after approx. 7km.
5. Approx. 18km after turning onto the M5, the road ends in a traffic circle. Turn right onto the R310. This is Baden Powell Drive / Royal Road / Atlantic Beach Road.
6. Approx. 1km further, there is a large parking lot to the left next to the community centre. Turn left into Beach Road after the parking lot.
7. Take the first road to the right (just before a traffic circle). This is Melrose Road. AIMS is approx. 50m into the road, on the right.







# Contact List



**Björn Pieterse**  
Project Accountant  
Villa 3  
0878221480  
[bjorn@aims.ac.za](mailto:bjorn@aims.ac.za)



**Bruce Bassett**  
Senior Researcher  
Cosmology Group Hall 6  
[brucebassett@aims.ac.za](mailto:brucebassett@aims.ac.za)



**Cang Hui**  
SARChI Chair in Mathematical  
and Theoretical Physical  
Biosciences at AIMS and  
Stellenbosch University  
[chui@aims.ac.za](mailto:chui@aims.ac.za)



**Emmanuel Kongolo**  
Facilities Assistant  
Main Building Facilities  
M: 084 408 9412  
[ekongolo@aims.ac.za](mailto:ekongolo@aims.ac.za)



**Igsaan Kamalie**  
Facilities & Logistics  
Manager  
Main Building  
Ground Floor Office  
0878217112 M: 072 216 5628  
[ike@aims.ac.za](mailto:ike@aims.ac.za)



**Jan Groenewald**  
IT Manager  
Ext: 9328 M: 072 127 1974  
Main Building  
[jan@aims.ac.za](mailto:jan@aims.ac.za)



**Joan Africa-Brown**  
Senior Administrative Officer  
Villa 2  
0878221160  
[joan@aims.ac.za](mailto:joan@aims.ac.za)



**Jeff Sanders**  
Senior Resident Researcher  
Villa 9  
[jsanders@aims.ac.za](mailto:jsanders@aims.ac.za)



**Jonathan Carter**  
Systems Architect  
Main Building  
0878216169  
[jonathan@aims.ac.za](mailto:jonathan@aims.ac.za)



**Linda Camara**  
Communications Manager  
Villa 2  
0878221246  
[linda@aims.ac.za](mailto:linda@aims.ac.za)



**Lynn Evon**  
Senior Finance Officer  
Villa 4  
0878221216  
[lynn@aims.ac.za](mailto:lynn@aims.ac.za)



**Lynne Teixeira**  
Senior Administrative Officer  
Villa 2  
0878221261  
[lynn@aims.ac.za](mailto:lynn@aims.ac.za)



**Naomi Fekema**  
Senior Administrative eOfficer  
Villa 1  
0878222414  
[naomi@aims.ac.za](mailto:naomi@aims.ac.za)



**Nazeer Kamalie**  
Facilities Assistant  
Main Building  
[nazeer@aims.ac.za](mailto:nazeer@aims.ac.za)



**Rejoyce Gavhi-Molefe**  
House of Science Manager  
Villa 8  
0878221870  
[rejoyce@aims.ac.za](mailto:rejoyce@aims.ac.za)



**Simukai Utete**  
Academic Director  
Main Building 100  
0878222947  
[simukai@aims.ac.za](mailto:simukai@aims.ac.za)



**Ulrich Paquet**  
Director  
Main Building 107  
0878222569  
[ulrich@aims.ac.za](mailto:ulrich@aims.ac.za)

# Supporting AIMS

## ***Institute Partners Programme***

AIMS South Africa has a Partnership Programme and invites institutes and academic departments to support our work by joining this programme.

For more information please visit <https://aims.ac.za/our-partners/>

## ***Donations***

Provide a gift in support of empowering Africa's youth to lead a new revolution in STEM. Harness the potential of young scientists impassioned about discovery and inspired by the promise of a new future for Africa.

Your donation will assist AIMS South Africa with funding for student bursaries which cover travel, accommodation, meals, medical insurance and a monthly stipend.

For more information and to donate please visit <https://aims.ac.za/donate/>

If you have any queries about making a donation or other ways that you can support our programmes please write to [donations@aims.ac.za](mailto:donations@aims.ac.za)



# AIMS

**African Institute for  
Mathematical Sciences  
SOUTH AFRICA**

***African Institute for Mathematical Sciences South Africa***

6 MELROSE ROAD | MUIZENBERG | CAPE TOWN 7945 | SOUTH AFRICA

EMAIL: [info@aims.ac.za](mailto:info@aims.ac.za) | WEB: [www.aims.ac.za](http://www.aims.ac.za)