



## WORKSHOP ON PARTIAL DIFFERENTIAL EQUATIONS AND CALCULUS OF VARIATIONS

THEME: Partial Differential Equations, Calculus of Variations and Applications

VENUE: Department of Mathematics, University of Dar es Salaam

DATE: 1-5 October, 2018

### INTRODUCTION

The African Institute for Mathematical Sciences (AIMS) Tanzania jointly with Department of Mathematics, University of Dar es Salaam is organizing a workshop on Partial Differential Equations (PDE) and Calculus of Variations (CoV) with an emphasis on the theory of differential games.

The workshop will consist of a series of lectures given by experts from the region and international. In addition some participants will be given opportunity to present their research work. The goals of the workshop are:

1. To introduce participants to fundamental concepts in PDE and CoV.
2. To expose participants to some new areas of research.
3. To initiate collaboration between local and international researchers.

### SPEAKERS

Confirmed speakers are:

1. Prof. Diogo Gomes (KAUST)
2. Dr. Olivier Menoukeu Pamen (University of Liverpool and AIMS Ghana)
3. Dr. Olga Danilkina (University of Dodoma)

### PRESENTATIONS

The workshop will give younger researchers and students opportunity to present their research work that cover PDEs and CoV. Interested participants who wish to present are asked to send abstracts of their presentation to [German\\_Chair@aims.ac.tz](mailto:German_Chair@aims.ac.tz). The deadline for registration is 20th September, 2018.

### LANGUAGE

English will be the official language of the workshop.

## REQUEST FOR PARTICIPATION AND REGISTRATION FEE

There is no official application form to be filled. However, the applications for participation should be sent, by email, to the email address [German\\_Chair@aims.ac.tz](mailto:German_Chair@aims.ac.tz). In the email, indicate your date of arrival and departure. The deadline for registration is 20th September, 2018.

## VISA

Visa may be required for some international visitors. Tanzania offers the possibility of a visa on arrival for citizens of some countries. At any rate, please check with the respective local Tanzania embassy for details. Letters of invitation will be issued to participants upon request.

## CURRENCY

The local currency is the Tanzania shilling (TZS). Some foreign currencies can be exchanged from some Banks and also from Forex Bureaus in Dar Es Salaam.

## ACCOMMODATION

A reasonably good accommodation is approximately USD 50 and above. The organizing committee has selected hotels that workshop participants could stay. You can contact committee members via [German\\_Chair@aims.ac.tz](mailto:German_Chair@aims.ac.tz). Alternatively, you can directly contact hotel management. Some of the hotels are Seashells Millennium Hotel, Lantana Hotel, Abla Hotel Apartments, Giraffe Ocean View Hotel, Wanyama Hotel.

## FINANCIAL SUPPORT

A small amount of financial support is available to MSc and Ph.D students to cover travel and accommodation expenses.

## ORGANIZING COMMITTEE

1. Dr. Marc Sedro, AIMS – Tanzania (Chairman)
2. Dr Makungu James, UDSM (Secretary)
3. Dr.IsambiSailonMbalawata, AIMS – Tanzania
4. Prof. Eunice Mureithi, UDSM

## CONTACTS

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