



34th SUMMER CONFERENCE ON TOPOLOGY AND ITS APPLICATIONS 2019

FINANCIAL AND ACADEMIC REPORT

1. ACADEMIC REPORT

Title of the conference: The 34th Summer Conference on Topology and its Applications (SUMTOPO 2019)

Venue: University of the Witwatersrand, Wits Science Stadium

Date(s): 1-4 July 2019

Website of the Conference: <http://www.xlconferences.co.za/topology/>

Statistics of delegates:

CONFIRMED	
44	DELEGATE STANDARD
6	EMERITAS STANDARD
29	STUDENT STANDARD
3	COMMITTEE
16	SPEAKERS
98	

Number of countries represented: 32

Number of contributed talks: 83 (for the details of the programme please refer to the website of the conference)

Number of plenary talks: 16 below is the list of plenary speakers who spoke on new development of the following fields:

Topological Algebra and Analysis

Taras Banakh (Ivan Franko Lviv National University, Ukraine)

Mahmoud Filali (University of Oulu, Finland)

Francesco Russo (University of Cape Town, South Africa)

Asymmetric Structures and Order

Szymon Dolecki (Burgundy University, France)

Seithuti Philemon Moshokoa (Tshwane University of Technology, South Africa)

Michel Schellekens (University College Cork, Ireland)

Dynamics and Continuum Theory

Daron Anderson (NUI Galway, Ireland)
Judy Kennedy (Lamar University, USA)
Petra Staynova (University of Leicester)

Set-Theoretic Topology

Rodrigo Hernandez (Universidad Autónoma Metropolitana, Mexico)
Jan van Mill (University of Amsterdam, Netherlands)
Dilip Raghavan (National University of Singapore, Singapore)

Topology in Data Science

Frédéric Chazal (INRIA, France)
Vladimir Itskov (Pennsylvania State University, USA)
Yusu Wang (Ohio State University, USA)

Winner of the Mary Ellen Rudin Award

Oswaldo Guzman (University of Toronto, Canada)

Attendance figures as follows:		
	Male	Female
Invited speakers	14	2
Postgraduate students	21	9
Other participants	35	17
Total	70	28

Number of student presentations: 18

List of parallel sessions:

This year, the conference focused on five research themes

- **Topological Algebra and analysis**
- **Asymmetric Structures and Orders**
- **Dynamics and Continuum Theory**
- **Set-Theoretic Topology**
- **Topology in Data Science.**

These fields were chosen to be representative of the broad range of research being actively pursued today.

My honest assessment: The 34th Summer Conference on Topology and its Applications was great success on many aspects:

- Great opportunity for postdoc fellows and PhD students mostly from Africa to showcase themselves and disseminate their findings at the highest level on Topology and its related fields
- The second time for this top conference on Topology and its related field to come to Africa after the University of Cape Town hosted it in 2014.
- Interaction between topologists from all over the world with topologist from Africa