

Calibration of Meteorological Instruments Conference

Date: 30th - 31st May 2019

Venue: Protea Hotel

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ABOUT THE CONFERENCE

In a bid to better understand the maintenance, long term traceability and calibration of Meteorological instruments Users of meteorological observations have increasing needs for high quality Meteorological and hydrological data. The traceability of these data to the International System of Units (SI) standards is needed to ensure their quality and to meet the users' Requirements. The course focuses on the latest science of measurement, siting of Meteorological instruments, care and maintenance of basic and automatic meteorological Instruments, calibration of meteorological instruments, troubleshooting (default detection) in Instruments, and drawing specification for weather instruments and measurement systems. The course will address ground based instruments and instruments on-board satellites. Lessons Learned from already on-orbit meteorological satellites and new generation satellites from around the world will be introduced and discussed.

THE AIM OF THE CONFERENCE

The course aims to bring together researchers, developers, policy makers, development Practitioners, climate scientists, user groups, stakeholders and institutions from Africa and the rest of the world to impart their knowledge and share experiences with others who are anxious to learn. The course will provide a forum for education and knowledge transfer.

WHAT YOU WILL LEARN

This course will provide participants with the knowledge and practical skills in the latest science of measurement as well as on the maintenance and calibration of meteorological instruments. Participants are expected to master skills of using conventional meteorological instruments. They will be enabled to measure meteorological elements, understand and operate the routine observation, calibrate the conventional meteorological instruments, and execute the operation of Automatic Weather Station, etc.

WHO SHOULD ATTEND?

Meteorological researchers, developers, policy makers, development practitioners, climate scientists, observers who are working in the field of meteorological observation, use of the meteorological instruments and other related fields from developing countries.

YOUR SPEAKERS



Dr. Joshua Wurman
President

CENTER FOR SEVERE WEATHER
RESEARCH (CSWR)

USA



Prof. David W. Titley

Professor of Practice in
Meteorology, College of Earth and
Mineral Sciences Director, Center
for Solutions to Weather and
Climate Risk

TBC Speaker

CONFERENCE TOPICS

DAY 1

1. The Status of Meteorological Observation in the African Countries including:

- Meeting the meteorological requirements of developing countries, including Air Quality Monitoring and Management

2. Introduction of the recent technology in weather observation instruments

- Modernization of meteorological technology – developments, challenges and opportunities (Instrumentations and sensors (Radar, Lidar, Sonar, radiometers, sounders, etc))
- Sea and Land surface temperatures and data collection systems

3. Traceability and maintenance of meteorological instruments addressing:

- Calibration and maintenance of meteorological instruments (Pressure)
- Calibration and maintenance of meteorological instruments (Humidity)
- Calibration and maintenance of meteorological instruments (Temperature)

DAY 2

4. Data storage and long term solutions

5. Satellites Earth observation – new technologies and opportunities

- Meteorological satellites (low Earth orbit and Geostationary orbit)
- Instruments calibrations (on-board and vicarious calibrations)
- Search and Rescue facilities on-board satellites



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Swift Code:	SBZAZAJJ		
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By signing and returning the registration form, the authorizing signatory on behalf of the stated company is subject to the following terms and conditions:

Delegate cancellations: All cancellations must be received in writing and are subject to the following conditions:

Charge of 50% of the registration fee, plus R 700 administrative charge will be made for cancellations received in writing at least 14 working days prior to the event, for any cancellations received less than 7 days before the date of the event, the full fee will be payable and no refunds or credit notes will be given. If a registered delegate does not cancel and fails to attend the event this will be treated as a cancellation and no refund or credit note will be issued.

Substitutions

Delegate substitution: Substitution is welcome at any time and do not incur any additional charges. Please notify ALINTACORP in writing of any such changes at least 3 days prior to the event. Please note that speakers and topics are confirmed at time of publishing, however circumstances beyond the control of the organisers may necessitate substitutions, alterations or cancellations of the speakers and/or topics. As such ALINTACORP reserves the right to alter or modify the advertised speakers and/or topics if necessary. Any substitutions or alterations will be updated and sent to the delegate. Delegate substitutions must be made in writing 7 days before the start of the event.

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Conference venue : Protea Hotel, Midrand

