

# Workshop on Global Differential Geometry



**AIMS**

**DFG**



**21 - 25 May 2018**  
**Mbour, Sénégal**

Further information:  
<http://indico.ictp.it/event/8347/>  
[smr3205@ictp.it](mailto:smr3205@ictp.it)

The German Research Foundation (DFG) and the International Center for Theoretical Physics (ICTP) are organizing a Workshop on Global Differential Geometry, to be held at the African Institute of Mathematical Sciences (AIMS) in Mbour, Sénégal, May 21 - 25, 2018.

## Focus of the Workshop:

The workshop will focus on recent developments in Global Differential Geometry, in particular on symplectic and Poisson geometry, including foliations and Lie theory, as well as classical differential geometry with its connections to differential topology and global analysis. There are close relations to the index theory of elliptic operators, generalized complex geometry and geometric flows, all of which open the door to applications in mathematical physics.

## Organizing Committee:

H. DATHE, Dakar  
B. HANKE, Augsburg  
A. WADE, Penn State/AIMS Mbour  
K. WENDLAND, Freiburg

## Workshop Speakers:

C. AREZZO, ICTP  
A. BANYAGA, Penn State  
A. TSHIDIBI BATUBENGE, South Africa  
K. CIELIEBAK, Augsburg  
A. DEGERATU, Stuttgart  
H. DIALLO, Côte d'Ivoire  
A.S. DIALLO, Sénégal  
C. MBACKE DIOP\*, Sénégal  
J. MBOYO ESOLE\*, Northeastern  
U. FRAUENFELDER, Augsburg  
S. GOETTE, Freiburg  
D.F. HOUENOU, Benin  
E.-K. MOHAMED MOUTOUOU\*, USF, Florida  
K.-H. NEEB, Erlangen  
S. PAYCHA, Potsdam  
P. RUKIMBIRA, FIU, Florida  
T. SCHICK, Göttingen  
L. TODJIHOUDÉ, Benin  
J. TOSSA, Benin  
B. WILKING, Münster  
\*to be confirmed

## DFG Coordinators:

C. BALLEIER  
A. HÖBENER  
B. WILHELM

## ICTP Scientific Contact :

C. AREZZO, ICTP

## Deadline:

**15 March 2018**

## How to apply:

Online application:  
<http://indico.ictp.it/event/8347/>

Female scientists are encouraged to apply.

## Grants:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.



**AIMS**

African Institute for  
Mathematical Sciences  
SENEGAL



Deutsche  
Forschungsgemeinschaft



The Abdus Salam  
International Centre  
for Theoretical Physics  
[www.ictp.it](http://www.ictp.it)  
Trieste, Italy

