

THE UNIVERSITY



OF HONG KONG

*Institute of Mathematical Research*

*Department of Mathematics*

# **WORKING SEMINAR ON COMPLEX GEOMETRY**

## **On generalized complex geometry**

**Dr. James Fullwood**  
The University of Hong Kong

### **Abstract**

We review the theory of generalized complex structures as introduced by Hitchin and further developed by Gualtieri. Generalized complex structures include both classical complex structures and symplectic structures as extremal cases, and as such may be viewed as a unification of complex and symplectic geometry.

Lecture 1:	March 25, 2013 (Monday) 3:30 – 5:00pm
Lecture 2:	April 2, 2013 (Tuesday) 4:00 – 5:30pm

**Room 210, Run Run Shaw Building, HKU**

*All are welcome*