

Programme on
“Higher Structures in String Theory and Quantum Field Theory”

November 16 - December 18, 2015

organized by

Harald Grosse (U Vienna), Danny Stevenson (U Glasgow), Richard J. Szabo (Heriot-Watt U)

Workshop I

Instructional workshop for students and junior researchers

Week 1: November 23 - 27, 2015

• **Monday, November 23, 2015**

09:00 – 10:00 **Opening & Registration**

10:00 – 11:00 **Ralph Blumenhagen**

Lectures on Non-geometric Strings and Noncommutative Geometry (I)

11:00 – 11:30 *coffee / tea break*

11:30 – 12:30 **Christian Seamann**

Basics of Higher Gauge Theory

• **Tuesday, November 24, 2015**

10:00 – 11:00 **Christian Seamann**

Twistor Descriptions of Higher Gauge Theories

11:00 – 11:30 *coffee / tea break*

11:30 – 12:30 **Ralph Blumenhagen**

Lectures on Non-geometric Strings and Noncommutative Geometry (II)

• **Wednesday, November 25, 2015**

10:00 – 11:00 **Peter Bouwknegt**

A First Introduction to T-duality (I)

11:00 – 11:30 *coffee / tea break*

11:30 – 12:30 **Ralph Blumenhagen**

Lectures on Non-geometric Strings and Noncommutative Geometry (III)

- **Thursday, November 26, 2015**

10:00 – 11:00 **Christian Seamann**

Quantized Multisymplectic Manifolds and Categorized Matrix Models

11:00 – 11:30 *coffee / tea break*

11:30 – 12:30 **Peter Bouwknegt**

A First Introduction to T-duality (II)

- **Friday, November 27, 2015**

10:00 – 11:00 **Peter Bouwknegt**

A First Introduction to T-duality (III)

11:00 – 11:30 *coffee / tea break*

All talks take place at the ESI, Boltzmann Lecture Hall!