

**ESI - SIMONS JUNIOR PROFESSOR  
LECTURE COURSE  
Summer Term 2016**

The Erwin Schrödinger International Institute of Mathematics and Physics (ESI) of the University of Vienna is pleased to offer the following Lecture Course held by Simons Junior Professor **Nils Carqueville** during the Summer Term of 2016:

**Topological Quantum Field Theory 2**  
**Nils Carqueville** (U Vienna)

Lecture Course (250115 VO): Thursday, 11:15 - 12:45  
Begin: March 1, 2016  
Venue: ESI, Schrödinger Lecture Hall

**Abstract:** This is a continuation of part 1 of the lecture course in the previous winter term. The main topics are 2-dimensional defect TQFT and 3-dimensional TQFT. Possible applications (chosen according to the audience's taste) include knot invariants, quantum computing, or derived geometry.

Joachim Schwermer  
Director