



# 清华大学高等研究院

Institute for Advanced Study, Tsinghua University

## 系列学术报告

### Lectures on

### "Field-Theory Approach to Frustrated and Topological Systems"

**Date:** June 01-03, 2019

**Venue:** Conference Hall 322, Science Building, Tsinghua University

#### (Morning Session)

Quantum spin ice: from materials to field theories and back

**Lecturer:** Yuan Wan, Institute of Physics, CAS

**Time:** 10:30-12:00, June 1,2,3

#### (Afternoon Session)

Topological gauge theory approach to three (spatial)-dimensional topological phases of matter

**Lecturer:** Peng Ye, Sun Yat-Sen University

**Time:** 15:30-17:00, June 1,2

These lectures also serve as the premeeting tutorials of the IASTU workshop on "Topology and Frustration in Quantum Materials" (6.4-6.6).

More information can be found at the website:

<http://qmat19.csp.escience.cn/>