

# 中央研究院數學研究所

Institute of Mathematics, Academia Sinica

## Taipei Postdoc Seminar

**Speaker** : 向子卿 Ziqing Xiang (本所 Academia Sinica)

**Title** : An invitation to spherical designs

**Abstract** :

Spherical designs are good finite subsets of a real spheres. Typical examples come from regular polytopes, root systems, and extremal even unimodular lattices, and orbits of finite groups of orthogonal groups. In this talk, I will present many examples, and discuss some basic questions of spherical designs.

**Time** : 11:00 - 12:30, Wednesday, March 18, 2020

**Venue** : Room 202, Astro-Math. Buidling (NTU Campus)

**Organizer** : Sheng-Fu Chiu (Academia Sinica), Jia-Yuan Dai (National Center for Theoretical Sciences)

**Refreshment** : 10:30

[https://www.math.sinica.edu.tw/www/file\\_upload/conference/2016TPS/index.html](https://www.math.sinica.edu.tw/www/file_upload/conference/2016TPS/index.html)

Lunch Box Sign Up and Registration: <https://reurl.cc/e5jjX7>

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