

International GMT Seminar  
**PDE Analysis  
on Stable Minimal  
Hypersurfaces:**  
*Curvature Estimates  
and Sheetting*

Time | **Wednesday, July 16, 2025**  
19:00-21:00 (Taipei time)

Agenda | 7:00 p.m. Get-together (30 min)  
7:30 p.m. Presentation Costante Bellettini (60 min)  
8:30 p.m. Questions and discussions (30 min)

Venue | **HyHyve, Online seminar**

Registration and more information:



## Costante Bellettini

University College London

We consider properly immersed two-sided stable minimal hypersurfaces of dimension  $n$ . We illustrate the validity of curvature estimates for  $n \leq 6$  (and associated Bernstein-type properties with an extrinsic area growth assumption). For  $n \geq 7$  we illustrate sheetting results around "flat points". The proof relies on PDE analysis. The results extend respectively the Schoen-Simon-Yau estimates (obtained for  $n \leq 5$ ) and the Schoen-Simon sheetting theorem (valid for embeddings).

