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**The Hong Kong University of Science and Technology**

**Department of Mathematics**

**Seminar on Pure Mathematics**

**Compactness of conformal metrics of constant Q-  
curvature**

By

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**Abstract**

I will talk about compactness for nonnegative solutions of the fourth order constant Q-curvature equations on compact manifolds of dimension greater than four. The crucial idea of bubbling analysis for four order elliptic equations via Green's representation will be sketched. This is joint work with Professor Yanyan Li.

***Date: Wednesday, 19 July, 2017***

***Time: 3:00p.m.-4:00p.m.***

***Venue: Room 3472, Academic Building  
(near Lifts 25&26), HKUST***

***All are welcome!***