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# Joint Geometric Analysis Seminar

## *On positive solutions of semi-linear elliptic inequalities on Riemannian manifolds*

## *Prof. Alexander Grigor'yan*

### *Bielefeld University*

**Abstract**

We are concerned with two problems about semi-linear elliptic inequalities:
- existence of entire positive solutions
- pointwise estimates of such solutions.

The answers are given in terms of the volume function and Green function.

Date:   21 March 2019 (Thursday)
Time:   11:00am – 12:00noon
Venue:  Room 502a, Academic Building No.1 ,
        The Chinese University of Hong Kong, Shatin

*All are Welcome*