Mathematics Colloquium

Prof. Benqi Guo

University of Manitoba
&
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■**Topic**: Some Fundamentals in Approximation Theory for High-order Finite Element Method in Three Dimensions

■**Date & Time**: April 3, 3:30 pm

■**Place**: Sid Richardson 207

■**Refreshments**: 3:00 pm, Sid Richardson 318

■**Abstract:** The approximation theory for high-order finite element method in three dimensions is much less developed than in one and two dimensions because of several fundamental issues which have not been answered in the past two decades. The talk will address these fundamental issues and up-date the recent progresses of research on these issues.