

**GRADUATE AND POSTDOCTORAL STUDIES**

**MCGILL UNIVERSITY**



***FINAL ORAL EXAMINATION***  
**FOR THE DEGREE OF**  
**DOCTOR OF PHILOSOPHY**

**OF**

**QIANJUN GAN**  
**FOOD SCIENCE & AGRICULTURAL CHEMISTRY**

**SOIL FERTILITY DETERMINATION IN PRECISION AGRICULTURE  
AND BITUMEN RESIDUE DETERMINATION IN OIL SAND TAILINGS  
BY FOURIER TRANSFORM INFRARED SPECTROSCOPY COUPLED  
WITH CHEMOMETRICS**

**April 3<sup>rd</sup>, 2017 at 9:00 am**

**Macdonald-Centennial Center, CC1-163**

**COMMITTEE:**

*Members of the Faculty and Graduate Students are invited to attend*

# ABSTRACT

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## **CURRICULUM VITAE**

### **UNIVERSITY EDUCATION**

## **PUBLICATIONS**

**Gan, Q.**

*Soil*

*Research*

**Gan, Q.**