KATHY KUBOTA & PAT MARGERM, Toronto Catholic District School Board and York University *The Complexities of Teachers Using Big Ideas in Mathematics*

This session aims at developing perspectives on the challenges that pre-service and in-service teachers face in understanding and using big ideas in mathematics for preparing and carrying out lessons in the classroom. To address these challenges, aspects of teacher's daily mathematical work are analysed in order to conceive possible strategies for developing teacher's understanding and use of big ideas in mathematics for their teaching.