



# 12<sup>TH</sup> INTERNATIONAL KIMBERLITE CONFERENCE

30 YEARS OF DIAMONDS IN CANADA  
8-12 July 2024 • Yellowknife



Ekati, Canada's first diamond mine, Northwest Territories. Photo courtesy of Burgundy Diamond Mine

## SCIENTIFIC THEMES

1. Diamonds
2. Emplacement and Economic Geology of Kimberlites and Related Magmas
3. The Origin and Evolution of Kimberlites and Related Magmas
4. Diamond Deposits – Exploration and Mining
5. Cratonic Mantle – Petrology, Geochemistry and Geophysics

## FIELD TRIPS

1. Northwest Territories Diamond Mines
2. Kimberlites from Across Canada
3. Slave Craton Geology
4. Northwest Territories Kimberlite Drill Core Collection
5. Advances in Drift Prospecting for Kimberlite in Canada





## SEMINARS

Invited speakers present a state-of-science summary covering emergent topics followed by moderated questions and extended discussion.

1. Kimberlitic Olivine: Tracking Mantle Cargo and Kimberlite Melt Evolution  
Dr. Geoffrey Howarth, University of Cape Town, South Africa
2. Large Irregular Type II Diamonds: Genesis and Transport to Surface  
Dr. Evan Smith, Gemological Institute of America

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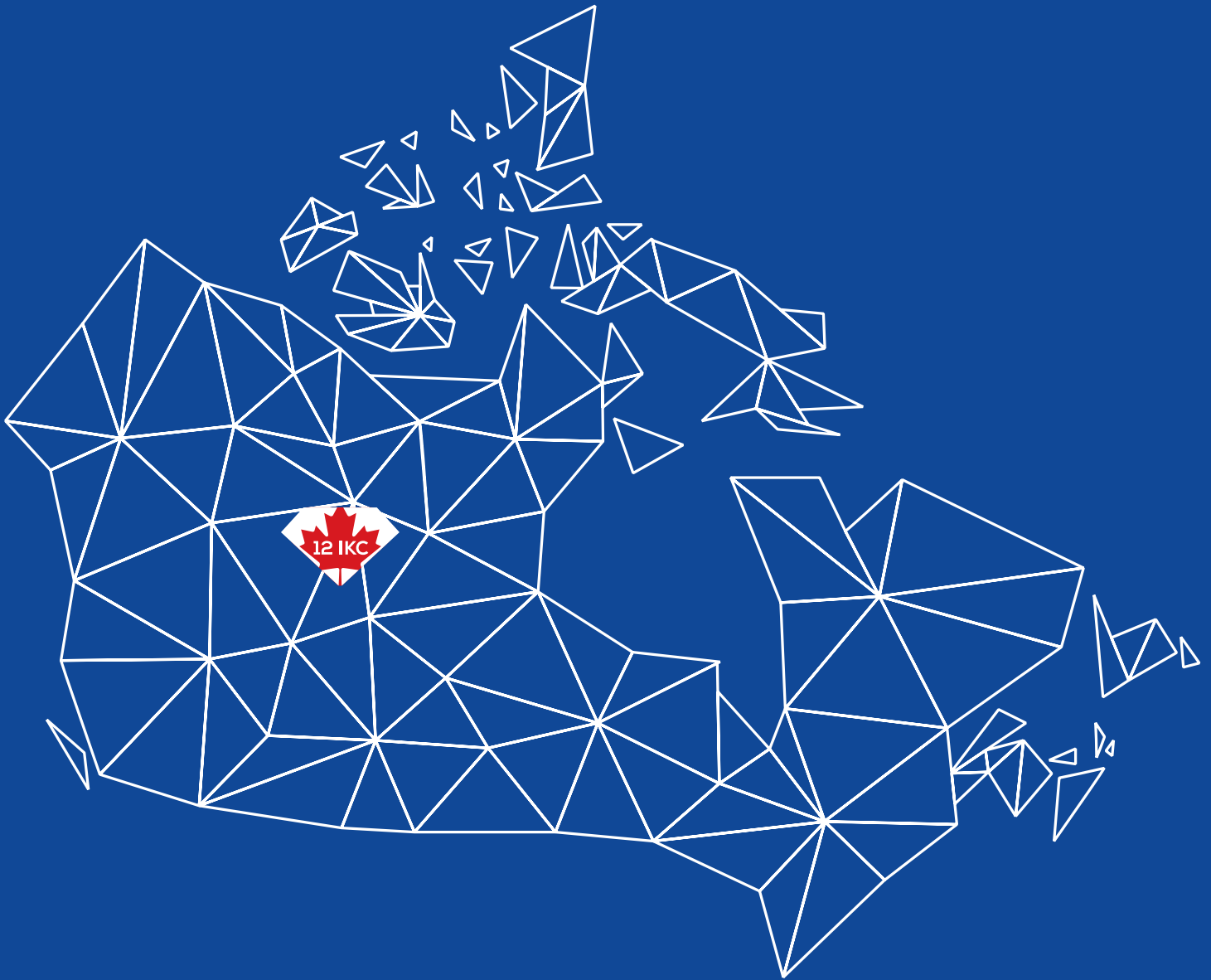
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Email: [secretariat@12ikc.ca](mailto:secretariat@12ikc.ca)



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