

Session Program

23–27 Jun 2014

**International Symposium on Uranium Raw Material for the
Nuclear Fuel Cycle: Exploration, Mining, Production,
Supply and Demand, Economics and Environmental Issues
- IAEA CN-216**

Uranium geology

Vienna, VIC
Vienna International Centre, Vienna

Tuesday 24 June

09:00

Uranium geology

Session | Location: Vienna, VIC, M1, Vienna International Centre, Vienna | Conveners: Mr Xiaodong Liu, Dr Michel CUNNEY

09:00–09:30 Felsic magmatism and uranium deposits

Speaker

Dr Michel CUNNEY

Location

Vienna, VIC, M1, Vienna International Centre, Vienna

09:30–10:00 Granite-related hypothermal uranium mineralization in South China

Speaker

Dr Xiaodong Liu

Location

Vienna, VIC, M1, Vienna International Centre, Vienna

10:00–10:30 Recent advances about the unconformity-related U deposits

Speaker

Dr Julien Mercadier

Location

Vienna, VIC, M1, Vienna International Centre, Vienna

10:30–11:00

Basement to surface expressions of deep mineralization and refinement of critical factors leading to the formation of unconformity-related uranium deposits

Speaker

Dr Eric Potter

Location

Vienna, VIC, M1, Vienna International Centre, Vienna

11:00–11:30 Coffee break

11:30–12:00 Central Ukraine Uranium Province: The genetic model

Speakers

Dr Alexander Emetz, Dr Michel CUNNEY

Location

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12:00–12:30

Dynamics of uranium ore formation in the basement and frame of the Streltsovskaya Caldera

Speakers

Mr Sergey Schukin, Prof. Vladislav Petrov

Location

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12:30–13:00

New Au-U deposit type in the weathering crust in tectonic-metasomatite zones of Pre-Cambrian shields.

Speaker

Mr Alexey Tarkhanov

Location

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13:00–14:30 Lunch break**14:30–15:00 The genesis of Kurišková U-Mo ore deposit****Speaker**

Dr Rastislav Demko

Location

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15:00–15:30 Uranium potential in Greenland**Speaker**

Dr Kristine Thrane

Location

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15:30–16:00**A regional multi-scale 3-D geological model of the Eastern Sub-Athabasca Basement, Canada: Implications for vectoring towards unconformity-type uranium deposits****Speakers**

Dr Irvine Annesley, Dr Zoltan Hajnal

Location

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16:00–16:30**Exploration and discovery of the Pine Ridge uranium deposits, Powder River Basin, Wyoming, USA****Speaker**

Mr Mark J. Doelger

Location

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16:30–17:00 Coffee break

17:00