

**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 from unconventional resources***

Vienna, VIC  
Vienna International Centre, Vienna

## Thursday 26 June

14:30

### Uranium from unconventional resources

Session | Location: Vienna, VIC, M3, Vienna International Centre, Vienna | Conveners: Prof. Julian Hilton, Mr Christian Polak

14:30–15:00

#### Uranium extraction from phosphates: Background, opportunities, process overview and way forward for commercialisation

**Speaker**

Mr Tapan Kumar Haldar

15:00–15:30

#### Uranium and REE recovery from Florida phosphates – Looking back and going forward

**Speaker**

Mr Jinrong (Patrick) Zhang

15:30–15:55

#### Development of a new process for the selective extraction of uranium from phosphate rocks

**Speaker**

Mr Gilles BERNIER

15:55–16:20

#### Uranium in phosphate rocks and future nuclear power fleets

**Speaker**

Mr Antoine Monnet

16:20–16:50

#### Coffee Break

16:50–17:15

#### The giant Alum Shale polymetallic deposits of Jämtland, Sweden – a major potential low cost supplier of uranium for the future

**Speaker**

Dr Robert Beeson

17:15–17:40

#### Uranium from coal ash: resource assessment and outlook on production capacities

**Speaker**

Mr Antoine Monnet

17:40–18:05

#### Overview of the nuclear fuel resources – seawater uranium recovery program sponsored by the U.S. Department of Energy

**Speaker**

Dr Stephen Kung

18:05–18:30

#### Cost analysis of seawater uranium recovered by a polymeric adsorbent system

**Speaker**

Dr Erich Schneider

18:30