

# **International Symposium on Uranium Raw Material for the Nuclear Fuel Cycle:**

**Exploration, Mining,  
Production, Supply and  
Demand, Economics  
and Environmental Issues**

**23–27 June 2014  
Vienna, Austria**

**URAM  
2014**

## **PROGRAMME**

Organized by the



**IAEA**

International Atomic Energy Agency

**Organized by the**



**In cooperation with the**



**OECD Nuclear Energy  
Agency (NEA)**



**World Nuclear  
Association (WNA)**



**United Nations Economic  
Commission for Europe  
(UNECE)**

Symposium Chairman: M. Cuney France

**Programme Committee (IAEA):**

M. Cuney	France
D. Acharya	India
A. Boytsov	Russian Federation
I. Emsley	UK
C. Griffiths	UNECE
Z. Li	China
C. Polak	France
R. Vance	OECD/NEA
H. Tulsidas	IAEA
P. Woods	IAEA

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**IAEA Secretariat:**

Scientific Secretaries:	P. Woods, H. Tulsidas
Symposium Organizer:	J. Zellinger
Administrative Support:	V. Prohaska, R. de Silva, H. Ratcliffe
Rapporteurs:	A. Hanly, M. Fairclough

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**Location of the Symposium:**

International Atomic Energy Agency  
Vienna International Centre (VIC)  
M Building M1/BR-B, (1<sup>st</sup> Floor)  
IAEA  
Wagramer Strasse 5  
A-1400 Vienna, Austria

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**Working Language:** English

**Resolutions:** No resolutions may be submitted for consideration on any subject; no votes will be taken.

## TIMETABLE

### Monday, 23 June 2014

08:00	Registration	Checkpoint 1
Plenary Sessions (M1/BR-B – M Building)		
10:00–13:00	Opening Session	
13:00–14:30	<i>Lunch Break</i>	
14:30–16:30	Session 1	Uranium markets and industry
16:30–17:00	<i>Coffee/Tea Break</i>	
17:00–18:30	Session 1	Uranium markets and industry (cont'd)
18:30–20:00	IAEA Reception	

### Tuesday, 24 June 2014

Parallel Sessions (M1/BR-B – M Building)		
09:00–11:00	Session 2	Uranium geology
11:00–11:30	<i>Coffee/Tea Break</i>	
11:30–13:00	Session 2	Uranium geology (cont'd)
13:00–14:30	<i>Lunch Break</i>	
14:30–16:30	Session 2	Uranium geology (cont'd)
16:30–17:00	<i>Coffee/Tea Break</i>	
17:00–18:30	Session 3	Education and training in uranium production cycle
Parallel Sessions (M3 – M Building)		
09:00–11:00	Session 4	Health, safety and environment
11:00–11:30	<i>Coffee/Tea Break</i>	
11:30–13:00	Session 4	Health, safety and environment (cont'd)
13:00–14:30	<i>Lunch Break</i>	
14:30–15:30	Session 4	Health, safety and environment (cont'd)
15:30–16:30	Session 5	Social licensing in uranium production cycle
16:30–17:00	<i>Coffee/Tea Break</i>	
17:00–18:30	Session 5	Social licensing in uranium production cycle (cont'd)

### Wednesday, 25 June 2014

Parallel Sessions (M1/BR-B – M Building)		
09:00–11:00	Session 6	Evaluation of uranium resources
11:00–11:30	<i>Coffee/Tea Break</i>	
11:30–13:00	Session 6	Evaluation of uranium resources (cont'd)
13:00–14:30	<i>Lunch Break</i>	
14:30–16:30	Session 7	Advances in exploration and uranium mineral potential modelling - 1
16:30–17:00	<i>Coffee/Tea Break</i>	

### Parallel Sessions (M3 – M Building)

09:00–11:00	Session 8	The future of uranium - focus on greenfields
11:00–11:30	<i>Coffee/Tea Break</i>	
11:30–13:00	Session 9	Uranium production based on in situ leaching
13:00–14:30	<i>Lunch Break</i>	
14:30–16:30	Session 9	Uranium production based on in situ leaching (cont'd)
16:30–17:00	<i>Coffee/Tea Break</i>	
17:00–18:30	Poster Session	Poster Viewing

### Thursday, 26 June 2014

Parallel Sessions (M1/BR-B – M Building)		
09:00–10:40	Session 10	Thorium and rare-earth element-associated resources
10:40–11:10	<i>Coffee/Tea Break</i>	
11:10–12:00	Session 10	Thorium and rare-earth element-associated resources (cont'd)
12:00–13:00	Session 11	Uranium mining and processing
13:00–14:30	<i>Lunch Break</i>	
14:30–16:30	Session 11	Uranium mining and processing (cont'd)
16:30–17:00	<i>Coffee/Tea Break</i>	
17:00–18:30	Session 11	Uranium mining and processing (cont'd)
Parallel Sessions (M3 – M Building)		
09:00–11:00	Session 12	Advances in exploration and uranium mineral potential modelling - 2
11:00–11:30	<i>Coffee/Tea Break</i>	
11:30–13:00	Session 12	Advances in exploration and uranium mineral potential modelling – 2 (cont'd)
13:00–14:30	<i>Lunch Break</i>	
14:30–16:20	Session 13	Uranium from unconventional resources
16:20–16:50	<i>Coffee/Tea Break</i>	
16:50–18:30	Session 13	Uranium from unconventional resources (cont'd)

### Friday, 27 June 2014

Plenary Sessions (M1/BR-B – M Building)		
09:00–10:30	Session 14	Closing keynote papers
10:30–11:00	<i>Coffee/Tea Break</i>	
11:00–13:00	Session 15	Panel discussion
13:00–13:10	Closing statement	

**Display of Posters:**

Monday – Friday, 23–27 June 2014

**Commercial exhibits will be shown on the ground floor:**

**M0E in M Building**

from Monday to Friday, 23-27 June 2014

## **MONDAY, 23 JUNE 2014**

**08:00**            **Registration and distribution of  
Symposium material**

**10:00–13:00**    **OPENING SESSION**

**J. C. Lentijo**

IAEA  
Director  
Division of Nuclear Fuel Cycle  
and Waste Technology

**M. Cuney**

Symposium Chairman  
CNRS - GeoRessources -  
CREGU - Université de Lorraine  
France

**P. Woods, H. Tulsidas**

IAEA  
Scientific Secretaries, URAM-2014

**F. Lelièvre**

Chief Commercial Officer  
Areva, France  
(Abstract 211: Paper  
IAEA-CN-216-211)

**S. Foster**

Director, Sustainable Energy Division  
United Nations Economic Commission  
for Europe (UNECE)

**R. Vance**

OECD/Nuclear Energy Agency

**I. Emsley**

World Nuclear Association (WNA)

**13:00–14:30**    **Lunch Break**

14:30–18:30

**SESSION 1:**  
**Uranium markets and industry**  
(Plenary in M1/BR-B, M Building)

**Chairpersons:** **A. Boytsov, Russian Federation,**  
**I. Emsley, WNA**  
**R. Vance, OECD/NEA**

<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
104	<b>T. Pool</b>	USA	30	IAEA Study - Uranium Supply to 2060
152	<b>S. Hall</b>	USA	30	Uranium 2014: Resources, Production and Demand (the "Red Book") supply and demand projections to 2035
191	<b>I. Emsley</b>	WNA	30	World Nuclear Association 2013 Fuel Market Report
018	<b>C. Polak</b>	France	30	Uranium exploration (2004-2014): New discoveries, new resources
16:30–17:00	Coffee/Tea Break			
175	<b>S. Gao</b>	China	30	The uranium supply strategy of China
216	<b>F. Harris</b>	Australia	30	World Nuclear Association (WNA) internationally standardized reporting (checklist) on the sustainable development performance of uranium mining and processing sites
187	<b>P. Bruneton</b>	France	30	IAEA geological classification of uranium deposits
18:30–20:00	<b>IAEA Reception</b>	(Ground Floor, M Building)		

## TUESDAY, 24 JUNE 2014

**09:00–16:30**      **SESSION 2:**  
**Uranium geology**  
(Parallel session in M1/BR-B, M Building)

**Chairpersons:**    **M. Cuney, France**  
                          **X. Liu, China**

<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
087	<b>M. Cuney</b>	France	30	Felsic magmatism and uranium deposits
127	<b>X. Liu</b>	China	30	Granite-related hypothermal uranium mineralization in South China
129	<b>J. Mercadier</b>	France	30	Recent advances about the unconformity-related U deposits
137	<b>E. Potter</b>	Canada	30	Basement to surface expressions of deep mineralization and refinement of critical factors leading to the formation of unconformity-related uranium deposits
11:00–11:30	Coffee/Tea Break			
094	<b>A. Emetz</b>	Ukraine	30	Central Ukraine Uranium Province: The genetic model
061	<b>V. Petrov</b>	Russian Federation	30	Dynamics of uranium ore formation in the basement and frame of the Streltsovskaya Caldera
034	<b>A. Tarkhanov</b>	Russian Federation	30	New Au-U deposit type in the weathering crust in tectonic-metasomatite zones of Pre-Cambrian shields
13:00–14:30	Lunch Break			
075	<b>R. Demko</b>	Slovakia	30	The genesis of Kurišková U-Mo ore deposit
023	<b>K. Thrane</b>	Denmark	30	Uranium potential in Greenland
086	<b>I. Annesley</b>	Canada	30	A regional multi-scale 3-D geological model of the Eastern Sub-Athabasca Basement, Canada: Implications for vectoring towards unconformity-type uranium deposits
077	<b>M. Doelger</b>	USA	30	Exploration and discovery of the Pine Ridge uranium deposits, Powder River Basin, Wyoming, USA
16:30–17:00	Coffee/Tea Break			



17:00–18:30

**SESSION 3:**  
**Education and training in uranium production cycle**  
(Parallel session in M1/BR-B, M Building)

**Chairperson:** P. Parihar, India

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<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
135	<b>H. Tulsidas</b>	IAEA	30	Enabling sustainable uranium production: The Inter-regional Technical Cooperation experience
122	<b>W. de Souza Pereira</b>	Brazil	30	Continuing education in radiation protection in the nuclear fuel cycle: The case of Nuclear Industries of Brazil
220	<b>C. Ganguly</b>	India	30	Human resource development for uranium production cycle

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09:00–15:30

**SESSION 4:**  
**Health, safety and environment**  
(Parallel session in M3, M Building)

**Chairpersons:** V. Guthrie, Australia  
S. Saint-Pierre, UK

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<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
219	<b>S. Saint-Pierre</b>	UK	30	Responsible management for health, safety and environment (HSE) in uranium mining and processing, starting from public support
054	<b>K. Cunningham</b>	Canada	30	Institutional control of mine wastes in Saskatchewan, Canada
078	<b>J. Mahoney</b>	USA	30	Calibration of a PHREEQC-based geochemical model to predict surface water discharge from an operating mill in the Athabasca Basin
062	<b>V. Karamushka</b>	Russian Federation	30	Methodological approach on uranium mill tailings decommissioning designing
11:00–11:30	Coffee/Tea Break			
058	<b>J. Hondros</b>	Australia	30	Radiation requirements for uranium project approvals
045	<b>P. Waggitt</b>	Australia	30	Uranium mine regulation and remediation in Australia's Northern Territory
197	<b>E. Mohajane</b>	South Africa	30	Regulation of activities producing uranium as a by-product: South African perspective
13:00–14:30	Lunch Break			

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<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
071	<b>M. Phaneuf</b>	IAEA	30	Risk-based environmental assessment for uranium mines – some Canadian and Australian experience
136	<b>H. Schnell</b>	Canada	15	Social Licensing in uranium mining: Experiences from the IAEA review of the planned Mukju River Uranium Project, Tanzania
124	<b>D. Mwalongo</b>	United Republic of Tanzania	15	Experience of IAEA UPSAT mission to Tanzanian uranium sites as a means of sustaining best practice for uranium production in Tanzania

**15:30–18:30**      **SESSION 5:  
Social licensing in  
uranium production cycle**  
(Parallel session in M3, M Building)

**Chairpersons:**    **A. Tibinyane, Namibia**  
                              **F. Harris, Australia**

<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
114	<b>F. Harris</b>	Australia	30	Product stewardship for uranium: A way for the industry to demonstrate its high performance
224	<b>W. Swiegers, A. Tibinyane</b>	Namibia	30	The Namibian uranium mining model: Voluntary sector initiatives underpinned by a regulatory safety net ensures best practice – an update

16:30–17:00      Coffee/Tea Break

101	<b>A. Yermilov</b>	Kazakhstan	30	The model of interaction with the National Operator when doing uranium mining in Kazakhstan
056	<b>D. Miller</b>	USA	30	Why jurisdiction and uranium deposit type are essential considerations for exploration and mining of uranium
151	<b>R. Vance</b>	OECD/NEA	30	The role of public consultation in leading practice uranium mining

## WEDNESDAY, 25 JUNE 2014

**09:00–13:00**      **SESSION 6:**  
**Evaluation of uranium resources**  
(Parallel session in M1/BR-B, M Building)

**Chairpersons:**    **S. Hall, USA**  
                          **S. Jaireth, Australia**

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<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
185	<b>V. Guthrie</b>	Australia	30	The Wiluna Uranium Project, Western Australia: Bringing a new project to the market
179	<b>P. Parihar</b>	India	30	An overview of uranium, rare metal and REE mineralisation in the crystallines of Sonbhadra district, Uttar Pradesh, India
138	<b>K. Farmer</b>	France	30	International standardisation for the reporting of resources and reserves
214	<b>H. Tulsidas</b>	IAEA	30	Application of United Nations Framework Classification – 2009 (UNFC-2009) to nuclear fuel resources
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11:00–11:30	Coffee/Tea Break			
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112	<b>M. Mihalasky</b>	USA	30	Roll-front uranium occurrences of the South Texas Mineral Belt: Development of a database for mineral potential modelling and quantitative resource assessment
038	<b>M. Seredkin</b>	Russian Federation	30	Geological 3-D modelling and resources estimation of the Budenovskoye uranium deposit (Kazakhstan)
092	<b>R. Bradford</b>	Australia	30	How effective project management will add value to your uranium project
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13:00–14:30	Lunch Break			
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14:30–16:30

**SESSION 7:**

**Advances in exploration  
and uranium mineral potential  
modelling – 1**

(Parallel session in M1/BR-B, M Building)

**Chairpersons:**

**Z. Li, China**

**P. Bruneton, France**

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<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
134	<b>S. Hall</b>	USA	30	Genetic model for roll-front uranium deposits in the Gulf Coast Uranium Province, Texas, USA
053	<b>Z. Li</b>	China	30	Recent exploration progresses on sandstone-hosted uranium deposits in north-western China
109	<b>K. Kyser</b>	Canada	30	Novel geochemical techniques integrated in exploration for uranium deposits at depth
113	<b>S. Jaireth</b>	Australia	30	Methods of mineral potential assessment of uranium deposits: A mineral systems approach

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16:30–17:00	Coffee/Tea Break
17:00–18:30	<b>Poster Viewing</b>

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09:00–11:00

**SESSION 8:**

**The future of uranium -  
focus on greenfields**

(Parallel session in M3, M Building)

**Chairperson:**

**K. Kyser, Canada**

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<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
010	<b>I. Pechenkin</b>	Russian Federation	30	Sandstone uranium deposits of Eurasia – from genetic concepts to forecasting and new discoveries
133	<b>M. Fairclough</b>	IAEA	30	Undiscovered resource evaluation: Towards applying a systematic approach to uranium
004	<b>A. Adnani</b>	Canada	30	Case study: financing growth in uranium production despite today's serious challenges – from concept to production in five years
039	<b>A. Boytsov</b>	Russian Federation	30	The outlook on potential uranium ISL Mining at Nyota Deposit (Tanzania)

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11:00–11:30	Coffee/Tea Break
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11:30–16:30

**SESSION 9:**  
**Uranium production**  
**based on in situ leaching**  
(Parallel session in M3, M Building)

**Chairpersons:** **T. Pool, USA**  
**P. Woods, IAEA**

<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
046	<b>A. Boytsov</b>	Russian Federation	30	Worldwide ISL uranium mining outlook
156	<b>O. Gorbatenko</b>	Kazakhstan	30	Development of ISL uranium mining in Kazakhstan
106	<b>G. Catchpole</b>	USA	30	Nichols Ranch ISL Uranium Mine - a case history
13:00–14:30	Lunch Break			
067	<b>A. Boytsov</b>	Russian Federation	30	ISR mining of uranium in the permafrost zone, Khiagda Mine (Russian Federation)
097	<b>A. Matunov</b>	Kazakhstan	30	Rational ore deposit drilling pattern with construction of cluster pumping wells in the artesian flow conditions
176	<b>P. Woods</b>	IAEA	30	Advancements in exploration and In-Situ Recovery of sedimentary-hosted uranium
095	<b>M. Niyetbayev</b>	Kazakhstan	30	The methods for performance improvement of technological wells at in-situ uranium leaching
16:30–17:00	Coffee/Tea Break			
17:00–18:30	<b>Poster Viewing</b>			

## THURSDAY, 26 JUNE 2014

**09:00–12:00**      **SESSION 10:**  
**Thorium and rare-earth**  
**element-associated resources**  
(Parallel session in M1/BR-B, M Building)

**Chairpersons:**    **B. Van Gosen, USA**  
                          **R. Villas-Bôas, Brazil**

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<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
164	<b>F. Barthel</b>	Germany	25	Thorium: Geology, occurrence, deposits and resources
146	<b>B. Van Gosen</b>	USA	25	Thorium recovery as a co-product of processing rare earth element deposits
036	<b>R. Villas-Bôas</b>	Brazil	25	Thorium as a new commodity: Th resources in Brazil
051	<b>D. Krebs</b>	Australia	25	Separation of rare earths from uranium and thorium
10:40–11:10	Coffee/Tea Break			
035	<b>R. Uzmen</b>	Turkey	25	Thorium and uranium separation from Rare Earth complex minerals in Turkey
079	<b>J. Kennedy</b>	USA	25	Creating a multi-national development platform: Thorium energy and rare earth value chain

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12:00–18:30

**SESSION 11:**  
**Uranium mining and processing**  
(Parallel session in M1/BR-B, M Building)

**Chairpersons:** **H. Schnell, Canada**  
**A. Sarangi, India**

<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
178	<b>H. Schnell</b>	Canada	30	Building a uranium heap leach project
074	<b>J. Thiry</b>	France	30	Heap leaching technology is moving the frontier for the treatment
13:00–14:30	Lunch Break			
022	<b>L. Gomiero</b>	Brazil	30	Implementation of a new milling process at Caetité-Brazil uranium site
105	<b>D. Scriven</b>	USA	30	Ablation - breakthrough technology to reduce uranium mining cost and increase resources
190	<b>M. Maley</b>	Australia	30	Metallurgical testwork to support development of the Kintyre Project
057	<b>R. Beeson</b>	Australia	30	Reguibat calcrete uranium project, Mauritania: Beneficiation upgrades and rapid leaching
16:30–17:00	Coffee/Tea Break			
172	<b>R. Ring</b>	Australia	30	Development of the Falea polymetallic uranium project
119	<b>V. Litvinenko</b>	Russian Federation	30	Improvement of the technology of treatment of uranium ores from the Streltsovsky group of deposits
011	<b>P. Bartsch</b>	Australia	30	Solvent extraction of uranium: Towards good practice in design, operation and management



09:00–13:00

**SESSION 12:**

**Advances in exploration  
and uranium mineral potential  
modelling - 2**

(Parallel session in M3, M Building)

**Chairpersons:**

**K. Farmer, France**

**I. Pechenkin, Russian Federation**

<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
008	<b>I. Pechenkin</b>	Russian Federation	30	Forecasting sandstone uranium deposits in oil-and-gas bearing basins
048	<b>O. Cardon</b>	France	30	Uranium exploration in Mongolia: A major discovery in the Gobi Desert
088	<b>Z. Hajnal</b>	Canada	30	Drill site selection process using geophysical (seismic, EM, magnetic) surveys and regional geochemical uranium deposit vectors within the Keefe Lake Uranium Property and its vicinity – Athabasca Basin, Saskatchewan, Canada
195	<b>K. Wheatley</b>	Canada	30	The successful application of modern exploration techniques to previously explored areas in the Athabasca Basin, Canada
11:00–11:30	Coffee/Tea Break			
103	<b>D. Ke</b>	China	30	Comprehensive geophysical survey technique in exploration for deep-buried hydrothermal type uranium deposits in Xianshan volcanic basin, China
212	<b>A. Sarangi</b>	India	30	Mining of low grade ore in carbonate rock
014	<b>T. Sreenivas</b>	India	30	Application of resin in pulp technique for ion exchange separation of uranium from alkaline leachate
13:00–14:30	Lunch Break			

14:30–18:30

**SESSION 13:**  
**Uranium from unconventional resources**  
(Parallel session in M3, M Building)

**Chairpersons:** **C. Polak, France**  
**J. Hilton, UK**

<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
213	<b>T. Haldar</b>	India	30	Uranium extraction from phosphates: Background, opportunities, process overview and way forward for commercialisation
215	<b>J. Zhang</b>	USA	30	Uranium and REE recovery from Florida phosphates – Looking back and going forward
139	<b>G. Bernier</b>	France	25	Development of a new process for the selective extraction of uranium from phosphate rocks
068	<b>A. Monnet</b>	France	25	Uranium in phosphate rocks and future nuclear power fleets
16:20–16:50	Coffee/Tea Break			
107	<b>R. Beeson</b>	Australia	25	The giant Alum Shale polymetallic deposits of Jämtland, Sweden – a major potential low cost supplier of uranium for the future
069	<b>A. Monnet</b>	France	25	Uranium from coal ash: resource assessment and outlook on production capacities
181	<b>S. Kung</b>	USA	25	Overview of the nuclear fuel resources – seawater uranium recovery program sponsored by the U.S. Department of Energy
180	<b>E. Schneider</b>	USA	25	Cost analysis of seawater uranium recovered by a polymeric adsorbent system

## FRIDAY, 27 JUNE 2014

**09:00–10:30**      **SESSION 14:**  
**Closing keynote papers**  
(Plenary session in M1/BR-B, M Building)

**Chairperson:**      **M. Cuney, France**

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<i>No of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
050	<b>N. Carter</b>	USA	30	A market in transition
163	<b>J. Hilton</b>	UK	30	Theory to practice: The scope, purpose and practice of prefeasibility studies for critical resources in the era of sustainable development
229	<b>T. Gitzel</b>	Canada	30	Positioning for a positive future: Cigar Lake starts production

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10:30–11:00      Coffee/Tea Break

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**11:00–13:00**      **SESSION 15:**  
**Panel discussion**  
(Plenary session in M1/BR-B, M Building)

**Moderator:**      **J. Hilton, UK**

**13:00–13:10**      **Chairman's closing statement**  
**M. Cuney, France**

## POSTERS

### Posters will be on display throughout the Symposium

Poster contributors are requested to be at their posters during the Poster Session – **Wednesday, 25 June, 2014 (17:00)**

<i>No. of Paper IAEA-CN-216-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Title of Paper</i>
001	M. Gurisha	United Republic of Tanzania	Regulatory preparations towards commencement of uranium mining and processing of radioactive ores in Tanzania
002	L. Lopez	Argentina	The last twenty years of the IAEA Technical Cooperation on the uranium production cycle in Argentina
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059	S. McMaster	Australia	Characterisation and dissolution studies on the uranium pyrochlore mineral betafite: [(Ca,U) <sub>2</sub> (Nb,Ti,Ta) <sub>2</sub> O <sub>7</sub> ]
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Red Book (23 <sup>rd</sup> Edition)	Uranium 2009: Resources, production and demand, published by the OECD & IAEA	2010
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IAEA NES NF-T-1.2	Best Practice in Environmental Management of Uranium Mining	2010
IAEA-TECDOC-1629	World Distribution of Uranium Deposits (UDEPO), with Uranium Deposit Classification, 2009 Edition	2009
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Symposium on International Safeguards  
20-24 October 2014, Vienna, Austria

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27-31 October 2014, Beijing, China

International Symposium on Nuclear and Related Techniques for Food Integrity, Traceability, Safety and Quality  
10-14 November 2014, Vienna, Austria

International Conference on Occupational Radiation Protection: Enhancing the Protection of Workers - Gaps, Challenges and Developments  
1-5 December 2014, Vienna, Austria

### **2015**

International Experts Meeting on Strengthening Research and Development Effectiveness in the Light of the Accident at the Fukushima Daiichi Nuclear Power Plant  
16-20 February 2015, Vienna, Austria

International Symposium on Isotope Hydrology: Revisiting Foundations and Exploring Frontiers  
11-15 May 2015, Vienna, Austria

International Conference on Operational Safety  
18-22 May 2015, Vienna, Austria

International Conference on Storage of Spent Fuel from Nuclear Power Reactors  
1-5 June 2015, Vienna, Austria

International Conference on Nuclear Security in a Computer World: Prevention, Detection and Resistance to Emerging Cyber Threats  
1-5 June 2015, Vienna, Austria

International Conference 'Women in Nuclear Meet Atoms for Peace'  
24-28 August 2015, Vienna, Austria

International Conference on Global Emergency Preparedness and Response  
19-23 October 2015, Vienna, Austria

International Conference on Research Reactors: Safe Management and Effective Utilization  
November 2015, Europe

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November 2015, Location to be decided

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## NOTES

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