

IAEA Symposium Secretariat:

Scientific Secretaries: C. Ganguly and J. Slezak, ext: 22757
Room: A2635 and A2615
Conference Services: M. Solarik-Leahy, Room A0704,
ext: 21321
Secretary: R. Thottakkara, A2617, ext: 22755

President of the Symposium:

M. Tauchid, Canada

Location of the Symposium:

Vienna International Center (VIC)
IAEA Headquarters
IAEA Boardroom C04

Working Language: English

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

TIMETABLE

Sunday, 19 June 2005

16:00-18:00 Registration at Checkpoint 1

Monday, 20 June 2005

10:00-11:00 Opening Addresses & Keynote Address

11:00-12:30 Topic 1 - URANIUM SUPPLY AND DEMAND
Session 1: Global view

12:30-14:00 Lunch Break

14:00-15:30 Topic 1 Cont'd
Session 2: Specific Sources

15:30-16:00 Coffee Break & Informal Discussions

16:00-17:45 Topic 1 Cont'd
Session 3: Realities & Challenges of Resource Development

17:45-18:00 Topic Summary by the Chairpersons

19:30 → Social dinner sponsored by Cameco Corporation, Canada
At Melker Stiftskeller, 1st district Vienna
Schottengasse 3, Tel: 533 55 30
www.melkerstiftskeller.at

Tuesday, 21 June 2005

09:00-10:30 Topic 2: URANIUM GEOLOGY AND DEPOSITS
Session 1: Unconformity Type Deposits 1

10:30-11:00 Coffee Break & Informal Discussions

11:00-12:30 Topic 2 Cont'd
Session 2: Unconformity Type Deposits 2

12:30-14:00 Lunch Break

14:00-15:30 Topic 2 Cont'd
Session 3: Unconformity Type Deposits 3

15:30-16:00 Coffee Break & Informal Discussions

16:00-17:45 Topic 2 Cont'd
Session 4: Sandstone Type Deposits

17:45-18:00 Topic Summary by the Chairpersons

18:30 → IAEA Hospitality, Wine & Cheese Party,
VIC Restaurant, Ground Floor, F Building

Wednesday, 22 June 2005

09:00-10:30 Topic 3: URANIUM EXPLORATION
Session 1

10:30-11:00 Coffee Break & Informal Discussions

11:00-12:00 Topic 3 Cont'd, Session 2

12:00-12:15 Topic Summary by the Chairpersons

12:15-14:00 Lunch Break

14:00-16:00 Poster Session (Including Coffee Break)

16:00-18:00 Topic 4: URANIUM PRODUCTION
Session 1

18:00-18:15 Topic Summary by the Chairperson

Thursday, 23 June 2005

09:00-10:45 Topic 5: WASTE MANAGEMENT
Topic 5, Session 1

10:45-11:15 Coffee Break & Informal Discussions

11:15-12:30 Topic 5 Cont'd, Session 2

12:30-12:45 Topic Summary by the Chairpersons

12:45-14:30 Lunch Break

14:30-15:30 Topic 6: ENVIRONMENT AND REGULATIONS
Topic 6: Session 1

15:30-16:00 Coffee Break & Informal Discussions

16:00-17:15 Topic 6 Cont'd, Session 2

17:15-17:30 Topic Summary by the Chairpersons

Friday, 24 June 2005

09:30-11:30 Panel Discussion

11:30-12:00 Closing of the Symposium

12:00 End of Symposium

PRELIMINARY PROGRAMME

SUNDAY, 19 JUNE 2005

16:00–18:00 Registration at Checkpoint 1,
IAEA Headquarters,
Vienna International Center

MONDAY, 20 JUNE 2005

08:00-10:00 Registration at Checkpoint 1

10:00–11:00 **OPENING ADDRESSES**
Y. A. Sokolov and C. Ganguly, IAEA
KEYNOTE ADDRESS
G. W. Grandey
Cameco Corporation, Canada

11:00–12:30 **TOPIC 1: URANIUM SUPPLY & DEMAND**
Chairpersons: W. Mays, USA
Co-chairpersons: K. Wheatley, Canada
G. Capus, France

Topic 1
Session 1 – Global View

<i>No of Paper IAEA-CN-128-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
01	J. M. McMurray	USA	20	Worldwide uranium resources and production capacity - The future of the industry
02	S. W. Kidd	World Nuclear Association (WNA)	20	World uranium demand
03	F. Killar	Nuclear Energy Institute (NEI)	20	The future of uranium: Filling the gap
04	R. E. Vance, R. R. Price, F. Barthel	Canada, OECD/NEA, Germany	20	Recent activities of the Joint NEA/IAEA Uranium Group
12:30–14:00	Lunch Break			
14:00-15:30	Topic 1 Cont'd Session 2 – Specific Sources			
05	S. A. Golovinsky, A. V. Boitsov	Russia	15	TVEL Corporation – Status and prospects of uranium production and resources development
06	Ramendra Gupta, Akshaya K. Sarangi	India	15	Emerging trend of uranium mining: the Indian scenario
07	Yue Hui Chen	China	15	The recent progress of uranium exploration in China

<i>No of Paper IAEA-CN-128-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
08	J.C. Cornell	USA	15	The changing role of secondary supply in the global uranium market
09	G. Capus	France	15	Uranium market trends; analysis, outcomes and future implications of an ongoing market upturn; a producer's view
15:30–16:00	Coffee Break & Informal Discussions			
16:00–17:45	Topic 1 Cont'd Session 3 - Realities & Challenges of Resource Development			
10	W. M. Mays	USA	20	Limitations on progress in developing uranium resources
11	W. E. Falck	IAEA	20	Closing the cycle: Life-cycle impact assessment of materials used in nuclear energy systems
12	A. Chamaret, M. O'Connor	France	15	Risk, Legitimacy and Governance: CSR, stakeholder dialogue and indicator systems through the life cycle of uranium
13	J. Jarrell, G. White	Canada	15	Uranium mine project licensing – Cameco's current experience
14	V.V. Shatalov, A.V. Tarkhanov, V.A. Boldyrev, O.I. Knyazev	Russia	15	Analysis of uranium world resources and ways of their extension
17:45-18:00	Topic Summary by the Chairpersons			
19:30 →	Social dinner sponsored by Cameco Corporation, Canada At Melker Stiftskeller, 1 st District of Vienna 1010, Schottengasse 3 Tel: 533 55 30 www.melkerstiftskeller.at			
<p>How to reach: This place is very close to Schottentor-University U2 stop. Walking distance from Stephansplatz (U1 stop). Take U1 to Stephansplatz, walk up the Graben, then along Naglergasse, then along Freyung, and finally on Schottengasse. For more detailed information see the map shown at the end of the Poster Session (see circle in map).</p>				

TUESDAY, 21 JUNE 2005

09:00–10:30 **TOPIC 2: URANIUM GEOLOGY
& DEPOSITIS**
Chairperson: A. Boitsov, Russia
Co-chairpersons: H. M. Fernandes, Brazil
Liu Xiaodong, China
R.M. Sinha, India

Topic 2, Session 1:
Unconformity Type Deposits 1

<i>No of Paper IAEA-CN-128-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of paper</i>
15	C. Roy , J. Halaburda, D. Thomas, D. Hirsekorn	Canada	15	Millennium deposit – Basement-hosted derivative of the unconformity uranium model
16	K. Wheatley , C. Cutts	Canada	15	Overview of the Maybelle River uranium mineralization, Alberta, Canada
17	I. R. Annesley , A. J. McCreedy, A. Holston, R. Kusmirski, D. Billard, R. Hochstein	Canada	15	Lead isotopes from Moore Lakes, Saskatchewan: New insights into palaeofluid flow in the Athabasca Basin
18	M. Brouand , M. Cuney	France	15	Chemical characteristics of the clastic sediments from Proterozoic basins. Their relation with unconformity type uranium deposits
10:30-11:00	Coffee Break & Informal Discussions			
11:00-12:30	Topic 2, Session 2: Unconformity Type Deposits 2			
19	Ahlam Ibrahim , M. Cuney, M. Brouand, C. Caillat, O. Aikas	France, Finland	15	Mineralogy, geochemistry and diagenetic evolution of continental clastic Proterozoic basins. The example of the Jotnian in the Baltic Shield. Implications on the genesis of unconformity related U-deposits
20	J. Bonhoure , Ph. Kister, M. Cuney, E. Deloule	France	15	Ion microprobe CAMECA IMS-3f: REE and isotopic U-Pb analyses of uranium oxide

<i>No of Paper IAEA-CN-128-</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of paper</i>
21	A.J. McCreedy , D. Derome, I.R. Annesley, M. Cuney, R.G. Cavell, K. Rickers, R.J. Bakker, M.A. Webb	Canada, France, Germany, Austria	15	Synchrotron X-ray fluorescence (SXRF) analysis of Palaeofluid chemistry from the McArthur River uranium deposit, Athabasca Basin, Canada: Results and implications
22	S. Gaboreau , Ph. Vieillard, D. Beaufort, P. Patrier, P. Bruneton	France	15	Aluminium phosphate sulphate minerals (APS): Some markers of paleoconditions in unconformity related uranium deposits
12:30-14:00	Lunch Break			
14:00-15:30	Topic 2 Cont'd, Session 3 Unconformity Type Deposits 3			
23	A.V. Moltchanov, D.K. Khodzhaev, I.V. Rybakov	Russia	15	Uranium metallogenic zoning of the Anabar Shield (Siberian Platform)
24	V. Prakash Saxena , R.M. Sinha, O.P. Yadav, R.V.S. Sessa Rao	India	15	Geochemical modelling for the unconformity related uranium mineralization – A case study from Baskati Area, Madhya Pradesh, India
25	V. Lobaev , M. Cuney, L. Bylinskaya, M. Kharlamov, Yu. Polekhovskiy	France, Russia	15	Alteration of Zircon and Monazite in the Riphean clastic sediments and their host rocks of the Karku unconformity-type uranium deposit example, Pasha – Ladoga Basin, Russia
26	C.W. Jefferson , P. Ramaekers, G. Delaney, D.J. Thomas, C. Cutts, R.A. Olson & EXTECH IV team	Canada	15	Exploration for unconformity-associated uranium deposits: Learning from EXTECH IV, Athabasca Basin Multidisciplinary Study, Canada
15:30-16:00	Coffee Break & Informal Discussions			

16:00-17:45

Topic 2 Cont'd

Session 4 – Sandstone Type Deposits

<i>No of Paper IAEA-CN-128</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
27	Weixun Zhou , Shuai Liu, Jianhua Wu, Zheng-Qi Wang	China	15	Sandstone type uranium deposits in NW China
28	P. Sulovský	Czech Republic	15	Sandstone-hosted U-Zr-REE mineralization in North Bohemian Cretaceous Basin
29	R. Chemillac , M. Cuney, V.A. Petrov, V.N. Golubev, M. Pujol	France, Russia	15	Uranium deposit favourability estimation from pristine rhyolitic magma composition of the Dornot uranium ore field, Mongolia
30	Tarek M.M. Ibrahim , M. Cuney, Kh.G. Ali, A.A. Abdel Meguid, S.M. Masoud	France, Egypt	15	The U-fertility criteria applied to the El-Sela Granite, Eastern Desert, Egypt
31	I. Lambert , S. Jairetha, A. McKay, Y. Miezitis	Australia	15	Australia's uranium endowment: Metallogeny, exploration and potential

17:45-18:00

Topic Summary by the Chairpersons

18:30 →

**IAEA Hospitality, Wine & Cheese Party
VIC Restaurant (Ground Floor, F Building,
before Cafeteria)**

WEDNESDAY, 22 JUNE 2005

09:00–10:30

**TOPIC 3: URANIUM EXPLORATION
Topic 3, Session 1**

**Chairperson: M. Matolin, Czech Republic
Co-chairperson: J.A. Plant, UK**

32	S.S. Naumov , G.A. Mashkovtsev	Russia	15	Strategy of uranium exploration in Russia
33	L.E. López	Argentina	15	Uranium favourability and exploration in Argentina
34	B. Powell , M. Leppin, G. Wood, C. O'Dowd, S.D. Brisbin	Canada	15	Recent innovative applications of geophysics of new uranium discoveries in the Athabasca Basin
35	D. Ewington	Australia	15	Uranium exploration in Australia: A renewed interest

10:30–11:00 **Coffee Break & Informal Discussions**

11:00-12:00 **Topic 3 Cont'd, Session 2**

<i>No of Paper IAEA-CN-128</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
36	Anjan Chaki , A. Pannerselvam, S.J. Chavan	India	15	Uranium exploration in the Upper Proterozoic Bhima Basin, Karnataka, India – A new target area
37	J. A. Plant , B. De Vivo, P. O'Connor, S. Reeder, R. Salminen, B. Smith, T. Tarvainen	UK, Italy, Ireland, Finland	15	Uranium distribution at the European scale: Implications for exploration
38	M. Matolin , B. Minty, S. Barritt, S. Reford	Czech Republic, Australia, Netherlands, Canada	15	A global radioelement baseline for gamma-ray spectrometric data

12:00-12:15 **Topic Summary by the Chairpersons**

12:15-14:00 **Lunch Break**

14:00-16:00 **POSTER SESSION
(Including coffee break)
POSTER PAPERS ARE LISTED AT THE
END OF THE PROGRAMME**

16:00-18:00 **TOPIC 4: URANIUM PRODUCTION
Chairperson: S.W. Kidd, WNA**

Topic 4, Session 1

39	B. Bharadwaj , B. Moldovan	Canada	15	Cameco Corporation – The Key Lake uranium mill: Current status and vision for the future
40	H. Märten	Germany, Australia	15	In-situ leaching of uranium at Beverley Mine, Australia – Technological, environmental, and regulatory issues
41	Evando Carele de Matos, D. de Azevedo Py Júnior	Brazil	15	Uranium concentrate production at Caetité, BA, Brazil
42	D. E. Stover , S. Magnuson	USA	15	Commercial development of The Inkai ISL uranium project
43	B. Reilly , B.de Galbert, G. Capus	France, Kazakhstan	15	Kazakhstan: A new source of uranium for AREVA (COGEMA)
44	M. Souley	France	15	AREVA in Niger, a long term uranium producer

18:00–18:15 **Topic Summary by the Chairperson**

THURSDAY, 23 JUNE 2005**09:00–10:45 TOPIC 5: WASTE MANAGEMENT
Topic 5, Session 1****Chairperson: F. Killar, NEI
Co-chairperson: J. Jarrell, Canada**

<i>No of Paper IAEA-CN-128</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
45	S. Saint-Pierre	World Nuclear Association (WNA)	15	WNA preliminary views on the ICRP proposed profound changes to the current RP system and on continuing to build an international consensus towards an improved proposal
46	F. Lamego S. Filho, H. M. Fernandes , M. Ramalho Franklin	Brazil	15	Conceptual model for water management in Brazilian semi-arid regions: From intervention to sustainability, I. Case of Lagoa Real Uranium Plant
47	R. Sharafoutdinov, A. Smetnik, A. Talitskaya , Y. Runova	Russia	15	Safety aspects of the radioactive waste management in tailing facilities
48	G.S. Zhanpeissova , K.A. Kuterbekov, S.N. Lukashenko, V.N. Glushchenko, K.K. Kadyrzhanov, G.N. Chumikov	Kazakhstan	15	Assessment of the contribution of the Koshkar-Ata tailing dump in contamination by radionuclides and heavy metals of ambient air in the area of Aktau City
49	B. Moldovan , M.J. Hendry	Canada	15	Controls on the long-term stability of Ra-226 in uranium mine tailings
10:45-11:15 11:15-12:30	Coffee Break & Informal Discussions Topic 5 Cont'd, Session 2			
50	H. Monken Fernandes , L.A. Gomiero, M. Franklin, V. Perez, W. Pereira, F. Lamego	Brazil	15	A comparative waste management performance assessment of two uranium production units in Brazil
51	D. Pittauerová , V. Goliáš	Czech Republic	15	Late stage of weathering of uranium ores as a waste rock after historical silver mining, Joachimsthal, Czech Republic
52	M. Csövári , J. Bánik, J. Éberfalvi, J. Csicsák, G. Földing	Hungary	15	Water treatment issues at the former uranium mining site
53	D. Gh. Filip , M. Cotrau	Romania	15	Treatment of mine waters discharged from underground uranium mines

12:30-12:45 **Topic Summary by the Chairpersons**

12:45-14:30 **Lunch Break**

14:30-15:30 **TOPIC 6: ENVIRONMENT &
REGULATIONS
Topic 6, Session 1**

**Chairperson: R.R. Price, OECD/NEA
Co-Chairperson: I. Lambert, Australia**

<i>No of Paper IAEA-CN-128</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
54	K. Pfitzner, P. Martin , A. Bollhöfer, B. Ryan	Australia, IAEA	15	Mapping uranium mining and milling residues using high spatial resolution airborne gamma ray data
55	S. Swanson , K. Gerein	Canada	15	Risk-based closure of uranium mill tailings: How to get from theory to practice A) Risk assessment in support of closure planning
56	R. Barsi , M. Ferguson	Canada	15	Risk-based closure of uranium mill tailings: How to get from theory to practice B) Design and implementation of a risk-based closure plan
15:30-16:00 Coffee Break & Informal Discussions				
16:00-17:15 Topic 6 Cont'd, Session 2				
57	P. Crouch , S. Green, M. Worby	Australia	15	Radiation doses to members of the public from the Olympic Dam uranium mining operation
58	Hama Abdou	Niger	15	Environmental monitoring in radiation field in uranium mines of Niger
59	V.F. Ryazantsev , O.V. Voitsekhovitch, V.S. Holubiev, Y.N. Soroka, A.S. Skalsky, V.N. Lebediev	Ukraine	15	Ecological problems related to uranium mining and uranium reprocessing industry in Ukraine and restoration strategy concept
60	J. K. Otton , R. A. Zielinski, J. Platt Bradbury, E. I. Robbins, D.E. Owen, R.F. Madole, R.R. Schumann	USA	15	Uranium entrapment in wetlands: A case study at the Boston Peak Fen, Colorado, USA
17:15-17.30 Topic Summary by the Chairpersons				

FRIDAY, 24 JUNE 2005

09:30–11:30 PANEL DISCUSSIONS ON “HOW TO FILL THE GAP?”

Panel Moderators: S. W. Kidd (WNA) & F. Killar (NEI)

Participants: J. P. Malone (Exelon Generation Co., USA)
J. Cornell (Nukem, USA)
G. Capus (COGEMA, France)
A. Boitsov, (TVEL, Russia)
Experts from China & India

11:30-12:00 Closing of the Symposium

12:00 End of the Symposium

LIST OF PAPERS OF THE POSTER SESSION Wednesday, 22 June 2005

Chairperson: J. P. Malone, USA

TOPIC 1: URANIUM SUPPLY & DEMAND

<i>No of Poster IAEA-CN-128</i>	<i>Name</i>	<i>Designating Member State/Organization</i>	<i>Time (min)</i>	<i>Title of Paper</i>
01	R.R. Price	OECD/NEA		An analysis of historical data on uranium exploration expenditures and price
02	D. Ohai, C. Gheorghiu	Romania		Uranium need for Romanian nuclear energy development
03	N. Shumkova, Y. Koshyk, (presented by A. Bakarzhiyev)	Ukraine		Policy of the ministry of fuel and energy of Ukraine for providing Ukrainian NPPs with nuclear fuel

TOPIC 2: URANIUM GEOLOGY & DEPOSITS

04	A.V. Shurilov, Yu. S. Polekhovskiy, I.P. Tarasova, P. Kister	France, Russia		Karku uranium deposit: Structural localization and ore mineralogy, Pasha – Ladoga Basin, Russia
05	D.R. Lentz	Canada		Re-Os molybdenite model age constraints on the petrogenesis of U-Th-bearing late tectonic pegmatite and skarn mineralization in the Southwestern Grenville Province, Canada
06	Xiaodong Liu, Weixun Zhou	China		Felsic magma-related uranium deposits in Southeast China

07	J.L. Peralta Vital, J. Olivera, R.Gil Gastillo, G. Valdés, J. A. Orpi	Cuba	Geological-geophysical criteria for the exploration of uranium mineral resources in the Central Region of Cuba
08	Khaled G. Ali, T.M.M. Ibrahim, M. Cuney, S.E. Ammar, K. Wenrich	Egypt, France, IAEA	The elements behaviour during the episyenitization of Kab Amiri granites, Eastern Desert, Egypt
09	O. Gerbeaud, P. Vergely, R. Mathieu	France	Tectonic and sedimentary controls on uranium ore: The channel hosted U-deposits in Visean sandstones of the Arlit District (Niger)
10	R. Chemillac, M. Cuney, W. Zhou, X. Liu	France, China	The Xiangshan uraniumiferous caldera, Southeast China: Geochemistry and melt inclusions
11	R. Purohit	India	Geochemical constraints on mobility of uranyl ions in the Palaeoproterozoic lithofacies associations of Jhamarkotra formation from Aravalli Supergroup of India
12	G. M. Shor, R.V. Shipov	Russia	Geodynamic position of the uranium-containing sedimentary basins of CIS States West and Middle parts of Central Asiatic mobile belt: Key study for ore prospecting
13	G.I. Birka, A.L. Nikolsky, A.V. Tarkhanov, A.S. Shulgin	Russia	Zoning of ore fields with brannerite mineralization
14	P. Alexandre, T.K. Kyser	Canada, UK	Geochemistry of uraniumiferous bitumen in the Athabasca Basin, Canada
15	V. Guliy, A.B. Boborov, T. Yas'kevich	Ukraine	Mechanism of concentration of U and ore components in open systems
16	A. Bakarzhiyev	Ukraine	The major steps for an improvement of the uranium mineral-ore base in Ukraine
17	H.T. Cao, V.S. Tran, V.P. Phung	Viet Nam	Study on uranium distribution in ore samples of Nong Son Basin, Viet Nam
18	A.P. Aleshin, V.I. Velichkin, M. Cuney, Yu.M. Dymkov	Russia, France	Polyphase coffinite-like U-Si gel and its role in uranium redistribution in the Mo-U deposits of the Streltsovsky ore field (Transbaikalia), Russia

19	V.A. Petrov, V.V. Poluektov, V.N. Golubev, O.V. Andreeva, P.N. Kartashov, M. Lespinasse, J. Sausse, M. Cuney, P.C. Lichtner, F.V. Perry, Yu.N. Galinov, V.A. Ovseichuk, S.I. Schukin	Russia, France, USA	Uranium mineralization in oxidized fractured environment of the giant volcanic related uranium field from the Krasnokamensk Area
20	Elena N. Afanasieva	Russia	Main geological settings of uranium mineralization in the Baltic Shield
21	V.A. Mikhailov, E.N. Afanasieva	Russia	Uranium potential of ancient regional Structural-Stratigraphic Unconformities (SSU) in the Southeast Baltic Shield
22	Ziying Li, Anping Chen, Xiheng Fang, Yuliang Xia, Yangquan Jiao, Ke Zhang, Xinjian Xiao, Ye Sun	China	Metallogenetic conditions and exploration criteria of Dongsheng sandstone type uranium deposit in Inner Mongolia, China

TOPIC 3 – URANIUM EXPLORATION

23	R.Y. Reyes, E.U. Tabora, T.Y. Garcia	Philippines	Regional exploration for uranium by a combined airborne and footborne gamma-ray spectrometric technique in Marinduque Island, the Philippines
24	Z. Hajnal, I. Györfi, I.R. Annesley. D.J. White, B. Powell, R. Koch	Canada	Seismic reflections outline complex structural setting of the uranium in the Athabasca Basin
25	Li Shengxiang, Wang Baoqun, Cai Yuqi, Li Xigen, Han Xiaozhong, Zheng Enjiu	China	The discovery and prospecting potential of ISL sandstone-type uranium deposit in Xishanyao formation, Middle Jurassic in Yili Basin
26	D.J.Z. Deng, L.Q.C. Liu	China	Applied research of soil magnetism survey on the prospecting for situ leachable sandstone type uranium deposit
27	Endale Ketefo	Ethiopia	A review of uranium minerals exploration in Ethiopia
28	A. Petrescu, I. Oancea, P.D. Georgescu, F. Aurelian	Romania	Geoelectrical Tomography – A fast method to locate underground uranium mineralization areas

TOPIC 4 – URANIUM PRODUCTION

29	J.A. Daoud, O.E. Ibrahim, H.F. Aly	Egypt	Extraction of U(VI), U(IV) and Th(IV) from nitric acid medium by CYANEX 272, CYANEX 301 and CYANEX 302 in Kerosene
30	Harvinderpal Singh	India	Innovative processes for uranium separation from secondary sources for eco-friendly industrial products
31	U. Mirsaidov, N. Khakimov	Tajikistan	Wastes of the uranium industry – valuable raw material for reception of UO ₂ and U ₃ O ₈
32	P. Perkov (possibly presented by A. Bakarzhiyev)	Ukraine	New production technology implementation to more efficiently and economically development of new uranium deposits

TOPIC 5 – WASTE MANAGEMENT

33	A. Asenjo	Argentina	Water management methodologies from mining and milling activities in Argentina
34	M. Ramalho Franklin, H. Monken Fernandes, R. Mariano	Brazil	Modelling water flow and geochemical processes in a waste rock pile of the uranium mining site of Poços de Caldas - Brazil
35	C.W. Farrell	Nuclear Energy Institute (NEI), USA	Low-level radioactive waste disposal in the USA – Use of mill tailings impoundments as a new policy option
36	P.D. Georgescu, B.D. Nica, D. Caranda, B. Tronac	Romania	The use of geosynthetics covers for the ecological rehabilitation of the abandoned dump sites and tailing dams for radioactive waste from the uranium mining industry
37	P.D. Georgescu, M. Popescu, T. Boboceanu	Romania	Uranium mine “Avram Iancu”, Bihor County, Romania: Decommissioning and remediation project
38	S.V. Mikheykin, E.Yu. Anciferova, V.P. Simonov, A.A. Bochvar, A.B. Zezin, T.N. Bolusheva	Russia	Polymers and method for remediation of contaminated site
39	L. Gromok, Y. Koshyk (presented by A. Bakarzhiyev)	Ukraine	The (radioactive waste management) programme to approaching the dangerous sites of the industrial complex “Pridniпровsky Chemical Plant” (Dnieprodzerzhinsk) to the environmental safety system and the public protection against ionizing radiation
40	S. Saint-Pierre	World Nuclear Association (WNA)	Building worldwide nuclear industry success stories - Safe management of nuclear waste and used nuclear fuel

TOPIC 6 – ENVIRONMENT & REGULATIONS

41	D. de Azevedo Py Júnior, W. de Souza Pereira , R. Ferreira do Carmo	Brazil	Determination of Rn-222 flux from soil to atmosphere by using an accumulator
42	H. A. Pereiro Filho, D. de Azevedo Py Júnior	Brazil	Pb-210 growth in water in an open pit uranium mine
43	A.H. Khan , A.K. Shukla, V.N. Jha, R.N. Nair, Fabby Sunny, S.K. Sahoo, R.M. Tripathi, V.D. Puranik	India	Environmental monitoring and impact assessment for new uranium mining projects in India
44	S. Bhattacharya	India	Safety regulation in uranium mining & milling in India
45	A. Muktaf Haifani , Sunindy Suryo Herdadi	Indonesia	Licensing on exploration nuclear ore in Indonesia
46	K.A. Kuterbekov , K.K. Kadyrzhanov, S.N. Lukaschenko, V.N. Glushchenko, A.N. Poleshko, G.S. Zhanpeissova	Kazakhstan	Natural radioactivity and radiation situation in Mangystau Oblast of Western Kazakhstan
47	M. Ceyhan	IAEA	World Distribution of Uranium Deposits (UDEPO)

PARTICIPATION IN IAEA SCIENTIFIC MEETINGS

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Representatives of the press, radio, television or other information media and members of the public, the latter as "observers", may also be authorised to attend, but without the right to take part in the proceedings.

Scientists interested in participating in any of the IAEA meetings listed in this programme should request information from the governmental authorities of their own countries, in most cases the Ministry of Foreign Affairs or national atomic energy authority.



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