

**25**



INTERNATIONAL  
CONFERENCE

International Scientific and Practical Conference  
“Twenty-Five Years after Chornobyl Accident:  
Safety for the Future”

## **PROGRAMME**

20-22 April 2011

Kyiv, Ukraine

# PROGRAMME

## ORGANIZED BY:

### **The Government of Ukraine in cooperation with:**

the Government of the Republic of Belarus  
the Government of the Russian Federation  
the European Commission  
the Council of Europe  
the Institute of Radiation Protection and Nuclear Safety, France  
the Society for Technical and Nuclear Safety (GRS), Germany

### **with support from the UN agencies:**

the International Atomic Energy Agency  
the UN Development Programme  
the UN Children's Fund  
the World Health Organization

## VENUE AND REGISTRATION OF PARTICIPANTS

### **20-22 April 2011, Ukrainyskiy Dim (2, Khreshchatyk St)**

Registration of participants:	20 April 2011, Wednesday, 11:00–14:30	Ukrainyskiy Dim, 2, Khreshchatyk St
Opening ceremony:	20 April 2011, Wednesday, 15:00–18:15	Ukrainyskiy Dim, 2, Khreshchatyk St
Plenary sessions:	21 April, Thursday, 09:00–13:00; 22 April, Friday, 09:00–12:00	Ukrainyskiy Dim, 2, Khreshchatyk St
Breakout sessions:	21 April, Thursday, 14:00–18:00	Ukrainyskiy Dim, 2, Khreshchatyk St
Poster presentation:	21 April, Thursday, 11:15–12:00, and 12:45–14:00, and 15:40–16:00.	Ukrainyskiy Dim, 2, Khreshchatyk St 1 <sup>st</sup> floor hall

## PRIMARY GOAL OF THE CONFERENCE

The accident at the Chornobyl NPP has been the largest of all the radiation accidents known on Earth. The disaster resulted in serious environmental consequences, affected the destiny of many millions of people, and became Ukraine's national distress. Consequences of the disaster changed the attitude to nuclear power engineering around the world. International radiation protection standards and rules as well as national strategies of nuclear safety development and radioactive waste handling were revised. To everyone ensuring production of relatively cheap power through nuclear technologies, it is important to analyze efficiency of the measures taken during the period since the Chornobyl tragedy, assess the work performed over the recent decades, and raise the question on whether enough has been done to secure safety for the future. The goal of our Conference is to analyze Chornobyl's twenty-five year lessons and utilize them for assuring safety of nuclear energy and other dangerous technologies, ensuring technogenic safety as a whole to prevent any future accident or disaster, and securing safety for the future.

## WORKING LANGUAGES

The working languages of the Conference are Ukrainian, Russian, and English. Simultaneous interpretation will be provided at all plenary and breakout sessions. To receive a simultaneous interpretation equipment kit you need to apply to the equipment desk.  
No interpretation will be provided for poster presentation.

# PROGRAMME

## ORGANIZING AND PROGRAMME COMMITTEES

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### Wednesday, 20 April 2011

11:00 - 14:30	<b>Registration of participants</b>	Ukrainskyi Dim (2, Khreshchatyk St)
15:00 - 18:15	<b>Opening ceremony</b>	Ukrainskyi Dim (2, Khreshchatyk St)
15:00-15:10	Opening of the Conference: <b>Viktor Baloha</b> , Chair of the International Organizing Committee of the Conference	
<b>Statements on behalf of the Conference organizers, Governments, and international organizations</b>		
15:10-15:20	from Ukraine, <b>Viktor Yanukovych</b> , President of Ukraine	
15:20-15:30	from the UN, <b>Ban Ki-moon</b> , Secretary-General	
15:30-15:40	from the Council of Europe, <b>Thorbjørn Jagland</b> , Secretary-General	
15:40-15:50	from IAEA, <b>Yukiya Amano</b> , IAEA Director General	
15:50-16:00	from UNESCO, <b>Irina Bokova</b> , UNESCO Director-General	
16:00-16:10	from the European Commission, <b>Andris Piebalgs</b> , Commissioner for Development	
16:10-16:20	from WHO, <b>Zsuzsanna Jacob</b> , Regional Director	
16:20-16:50	<b>Break, briefing for journalists</b>	
16:50-17:00	<b>Matthias Schmale</b> , Undersecretary General, International Federation of Red Cross and Red Crescent Societies	
17:00-17:10	<b>Thomas Mirow</b> , President, European Bank for Reconstruction and Development	
17:10-17:20	<b>Jan Mans</b> , President, European Forum for Local and Regional Disaster Management	
17:20-18:30	<b>Break</b>	
18:30-19:30	<b>Classic music concert</b>	
19:30-20:30	<b>Standing reception</b>	

### Thursday, 21 April 2011

09:00 - 13:00	<b>Plenary session, hosted by Volodymyr Kholosha, Rudolph Aleksakhin, Vyacheslav Shestopalov</b>	Ukrainskyi Dim, 2, Khreshchatyk St, Concert Hall
09:00-09:15	Report: "Information on the situation at Fukushima-1 NPP"	Representative of the Japanese Government
09:15-09:30	Report: "Radiological risk: the need to be informed, the right to be protected"	<b>Thorbjørn Jagland</b> , Secretary-General of the Council of Europe
09:30-09:45	Report: "Chernobyl: lessons of safety"	<b>Volodymyr Kholosha</b> , Head, State Agency of Ukraine for the Exclusion Zone Management, Ukraine
09:45-10:00	Report: "ARCH – a programme of scientific research on Chornobyl health issues"	<b>Ausra Kesminiene</b> , representative of the WHO International Agency for Research on Cancer
10:00-10:15	Report: "International support towards the mitigation of the Chornobyl accident consequences"	<b>Gunter Pretch</b> , representative of the Society for Technical and Nuclear Safety, Germany
10:15-10:30	Report: "Nuclear safety in the 21st century: reflecting on the lessons learnt"	<b>Jacques Repussard</b> , Director, Institute of Radiation Protection and Nuclear Safety, France
10:30-10:45	Report: "Shelter facility: prospects and challenges"	<b>Ihor Hramotkin</b> , ChNPP Director-General
10:45-11:00	Report: "Strengthening nuclear safety and radiation protection: lessons learnt from Chornobyl"	<b>Olia Makarovska</b> , Deputy Head, State Nuclear Regulation Inspectorate, Ukraine
11:00-11:15	Report: "Chornobyl and new knowledge"	<b>Vyacheslav Shestopalov</b> , Director, Scientific and Engineering Centre for Radiohydrological Range Studies, NAS of Ukraine

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11:15-12:00	<b>Coffee break, poster presentations</b>	
12:00-12:15	Report: "Outcomes and prospects of the Chernobyl accident consequences elimination in Russia"	<b>Tatyana Marchenko</b> , MoE, the Russian Federation
12:15-12:30	Report: "Enhancing national programmes in support of economic development of the territories affected by the Chernobyl accident"	<b>Jerzy Osiatynski</b> , IAEA, UNICEF, UNDP, WHO
12:30-12:45	Report: "The activities of the Belarusian State to overcome consequences of the Chernobyl disaster"	<b>Vladimir Chernikov</b> , MoE, Republic of Belarus
12:45 - 14:00	<b>Break</b>	
14:00 - 18:00	<b>Breakout sessions:</b>	
<b>Session 1</b>	Nuclear and radiation risks - cooperation of governments and people; novel technologies and scientific achievements for the future safety	Kobzarska Svitlytsia, 3 <sup>rd</sup> floor
<b>Session 2</b>	Consequences of nuclear and radiation accidents to human health and environment	Concert Hall, 1 <sup>st</sup> floor
<b>Session 3</b>	Shelter facility, decommissioning of the Chernobyl NPP, the strategy of radioactive waste and spent nuclear fuel management	Art Gallery, 3 <sup>rd</sup> floor
<b>Session 4</b>	Developing a system to prevent and respond to nuclear and other man-made accidents; drafting of emergency plans, public awareness and involvement in emergency planning; post-accident radiation monitoring	Small Exhibition Hall, 1 <sup>st</sup> floor
<b>Session 5</b>	Radioecological consequences of the Chernobyl disaster, farming in contaminated areas, social and economic development of areas exposed to the Chernobyl disaster: successful development models, overcoming stereotypes and improving the investment attractiveness of regions	Great Exhibition Hall, 1 <sup>st</sup> floor
15:40 - 16:00	<b>Coffee break, poster presentations</b>	

## Friday, 22 April 2011

<b>09:00-12:00</b>	<b>Plenary session, hosted by Volodymyr Kholosha, Rudolph Aleksakhin, Vyacheslav Shestopalov</b>	Ukrainskyi Dim, 2, Khreshchatyk St, Concert Hall
<b>09:00-09:15</b>	Report: "Perception of radiation risks: 25 years after the disaster"	<b>Andrii Serdiuk</b> , President, AMS of Ukraine
<b>09:15-09:30</b>	Report: "Consequences of emergency irradiation for human health: a basis for risk assessment"	<b>Mikhail Balonov</b> , UNSCEAR representative
<b>09:30-09:45</b>	Report: "Radiological and medical consequences of the Chernobyl accident: lessons learnt"	<b>Volodymyr Bebeshko</b> , Director-General, National Centre for Radiation Medicine, AMS of Ukraine
<b>09:45-10:45</b>	Conclusions by breakout sessions	
<b>09:45-09:55</b>	Session 1 – <b>Valerii Kukhar</b>	
<b>09:55-10:05</b>	Session 2 – <b>Volodymyr Bebeshko</b>	
<b>10:05-10:15</b>	Session 3 – <b>Oleksandr Kliuchnikov</b>	
<b>10:15-10:25</b>	Session 4 – <b>Valeriy Kashparov</b>	
<b>10:25-10:45</b>	Session 5 – <b>Borys Prister</b>	
<b>10:45-11:00</b>	General conference conclusions, recommendations for the future	
<b>11:00-11:45</b>	Discussion and adoption of the Conference conclusions and recommendations	
<b>11:45-12:00</b>	Closing of the Conference	
<b>12:00-13:00</b>	<b>Break</b>	
<b>13:30-19:00</b>	<b>A visit to the Chernobyl exclusion zone</b> (optional, subject to prior registration)	

# PROGRAMME

## Breakout session 1 programme

**Nuclear and radiation risks – cooperation of governments and people.**

**Novel technologies and scientific achievements for the future safety**

Thursday, 21.04.11, 14:00-18:00 Ukrainskyi Dim, Kobzarska Svitlytsia, 3<sup>rd</sup> floor

**Hosted by: V. Kukhar, V. Chumak (Ukraine), V. Poyarkov (Ukraine), M. Chouha**

Time	Speaker, report title
14:00-14:20	<b>Chouha M.</b> Nuclear energy in the 21st century advantages and risks
14:20-14:40	<b>Yu. Tunytsia, T. Tunytsia,</b> The Ecological Constitution of Earth as a necessary tool for global and national security of the future
14:40-15:00	<b>Proehl G., Berkovskyy V., Vesterlind M.</b> Activities of the IAEA programme on environmental modeling of radiation safety (EMRAS) in relation to the assessment and management of nuclear emergencies
15:00-15:20	<b>Simonucci C., Arnaud M.-G., Van Meir N., Ferrand E., Bugay D., Kashparov V.</b> Bilan des travaux menés sur le site pilote de Chernobyl. A statement of the chernobyl pilot site studies
15:20-15:40	<b>O. Bakalova</b> Economic assessment of averted social radiation risk (loss) under the Chornobyl accident conditions
15:40-16:00	<b>Coffee break, poster presentations</b>
16:00-16:15	<b>Golimbiyevskyy A., Bilskyy A.</b> Global collaboration platform – chernobyl recovery 2.0
16:15-16:30	<b>M. Yastrebenetskyi, V. Goldrin, Yu. Rozen</b> New computer-based management systems for higher safety
16:30-16:45	<b>L. Horovoi, O. Seniuk</b> Means of protection against low chronic exposure doses
16:45-17:00	<b>V. Romanenko, M. Kuzmenko, S. Afanasiev, D. Hudkov, P. Lynnyk, O. Protasov, V. Tymchenko, V. Yuryshynets, V. Yakyshyn</b> Problems of hydroecological safety of nuclear power engineering in Ukraine
17:00-17:15	<b>Sergeant C., Chapon V., Piette L., Vesvres M.H., Coppin F., Le Marrec C., Février L., Theodorakopoulos N., Levchuk S., Christen R., Martin-Garin A. and Berthomieu C.</b> Bacterial community analysis of contaminated soils from Chernobyl
17:15-17:30	<b>A. Vlavianos-Arvanitis.</b> Biopolicy: a strategy for Chornobyl + 25
17:30-18:00	<b>Discussion and wrap-up</b>

## Breakout session 2 programme

**Consequences of nuclear and radiation accidents to human health and environment**

Thursday, 21.04.11, 14:00 - 18:00 Ukrainskyi Dim, Concert Hall, 1<sup>st</sup> floor

**Hosted by: V. Bebeshko, A. Serdiuk, D. Hrodzynskiy**

Time	Speaker, report title
14:00-14:15	<b>V. Vasylenko.</b> Radiation exposures of contaminated area residents and preventive measures concerning internal irradiation levels in a long-term period after the ChNPP accident – <b>a reporter's report</b>
14:15-14:35	<b>Ye. Stepanova.</b> Chornobyl and Ukrainian children's health (findings of 25 years of observations) — <b>a reporter's report</b>
14:35-14:50	<b>K. Lohanovskiy.</b> Neuro-psychiatric consequences of the Chornobyl disaster — <b>a reporter's report</b>
14:50-15:10	<b>O. Kovalenko.</b> Late post-radiation effects in acute radiation injury convalescents and in accident aftermath elimination participants — <b>a reporter's report</b>

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15:10-15:25	<b>D. Bazyka.</b> Biomolecular, immunological and biochemical mechanisms of the formation of long-term medical effects of the Chernobyl disaster — <b>a reporter's report</b>
15:25-15:40	<b>Sahoo S.,</b> Shiraishi K., Kimura S., Muramatsu Y., Yonehara H., Zamostyan P., Tsygankov N., Los I. and Korzun V. Distribution of actinides in Chernobyl exclusion zone environmental samples as well as dietary intake of iodine in Ukrainian subjects
15:40-16:00	<b>Coffee break, poster presentations</b>
16:00-16:15	<b>Yoshisada Shibata.</b> Chernobyl and Nagasaki – past, present, and future
16:15-16:30	<b>Klymenko S.,</b> Bebeshko V., Smida J., Bink K., Trott K., Bazyka D., Ilyenko I., Maznichenko O., Golyarnik N., Dmitrenko I., Zitzelsberger H., Breier A., Atkinson M. and Rosemann M. Molecular biological features of radiation-associated acute myeloid leukemia following the Chernobyl accident
16:30-16:45	<b>Julio Medina de Armas.</b> Cuban medics' experience on treatment of Ukrainian children victims of the Chernobyl disaster.
16:45-17:00	<b>M. Tronko,</b> T. Bohdanova, I. Komisarenko, A. Kovalenko, V. Oliynyk, L. Zurnadzi, L. Voskoboinyk, V. Tereshchenko, V. Markov, S. Hulevatyi, V. Shpak, L. Hulak. Thyroid cancer in Ukraine after the Chernobyl disaster (25 years of observation experience)
17:00-17:20	<b>V. Buzunov.</b> Epidemiological surveys of non-tumourous disease incidence among the victims, and of the affected population's demographic indicators — <b>a reporter's paper</b>
17:20-17:40	<b>O. Burlakova.</b> Chernobyl, small radiation doses and nanostructures
17:40-18:00	<b>Discussion and wrap-up</b>

## Breakout session 3 programme

### Shelter facility, decommissioning of the Chernobyl NPP, the strategy of radioactive waste and spent nuclear fuel management

Thursday, 21.04.11, 14:00 - 18:00 Ukrainskyi Dim, Art Gallery, 3<sup>rd</sup> floor

Hosted by: **O. Kliuchnykov, V. Shcherbin, V. Seida**

Time	Speaker, report title
14:00-14:20	A. Bambura, R. Vasiachin, O. Kliuchnikov, V. Krasnov, <b>P. Kryvosheev,</b> Yu. Malakhov, L. Lukina, Yu. Nemchynov, V. Rudko, O. Khavkin, V. Shenderovych, V. Shcherbin. A complex of research, development and design works to ensure stabilization measures for increasing the Shelter facility safety level
14:20-14:40	<b>V. Khalimonchuk,</b> A. Kuchin. Chernobyl accident modeling
14:40-15:00	<b>Ye. Vysotskyi,</b> O. Kliuchnikov, V. Shcherbin, V. Shostak. Nuclear-hazardous accumulations of fuel-bearing materials in Shelter facility
15:00-15:20	V. Badovskyi, O. Kliuchnikov, <b>A. Melenevskiy,</b> Yu. Morozov. Assessment of LFBM surface conditions in the real Shelter facility situation
15:20-15:40	<b>M. Panasiuk,</b> A. Alferov, A. Skorbun, H. Levin, I. Litvin, Ye. Liushnia, M. Starikov, V. Khan, A. Odintsov, V. Shestopalov, I. Onishchenko, M. Buzynnyi. Radioactive contamination of underground waters and soils in the local zone of the Shelter facility and the ChNPP industrial site
15:40-16:00	<b>Coffee break, poster presentations</b>
16:00-16:20	<b>O. Odintsov,</b> V. Khan, V. Krasnov, V. Shcherbin. Content of transuranic elements in the Shelter facility's liquid radioactive waste affecting nuclear and radiation safety
16:20-16:40	<b>B. Ohorodnikov.</b> Radioactive particle emissions from the Shelter facility in 2000-2010 through the VT-2 pipe – <b>a reporter's report</b>
16:40-17:00	Ye. Sobotovych, <b>B. Zlobenko,</b> V. Skvortsov, L. Spasova. The problem of irradiated graphite handling and disposal
17:00-17:20	<b>O. Bondarenko.</b> A concept for updating the radioactive waste classification in Ukraine
17:20-17:40	<b>A. Mahda.</b> Legal regulation of radioactive waste handling in France
17:40-18:00	<b>Discussion and wrap-up</b>

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## Breakout session 4 programme

**Developing a system to prevent and respond to nuclear and other man-made accidents; drafting of emergency plans, public awareness and involvement in emergency planning; post-accident radiation monitoring**

Thursday, 21.04.11, 14:00 - 18:00 Ukrainskyi Dim, Small Exhibition Hall, 1<sup>st</sup> floor

**Hosted by V.O. Kashparov, M.D. Bondarkov**

Time	Speaker, report title
14:00-14:15	<b>Buglova E.</b> , McKenna T., Berkovskyy V., Proehl G.. Experience from chernobyl and other emergencies: lessons learned for strengthening emergency preparedness, and response
14:15-14:30	<b>V. Pampuro.</b> Methodology for optimal safety management of environmentally hazardous facilities
14:30-14:45	<b>Trosman G.</b> US DOE International Nuclear Safety Program in Ukraine and safety improvements in Ukraine Nuclear Power Plants
14:45-15:00	<b>M. Buzynnyi</b> , I. Los, L. Mykhailova. The role of comparative tests in large-scale radiation post-accident Chornobyl monitoring
15:00-15:15	V. Horbulin, <b>Yu. Skaletskyi.</b> Problems of democratic civilian control over the State armed forces under a large-scale emergency (as exemplified by the Chornobyl NPP accident)
15:15-15:30	<b>Yu. Kutlakhmedov.</b> The Chornobyl accident: a basis and incentive for development of modern radioecology
15:40-16:00	<b>Coffee break, poster presentations</b>
16:00-16:15	<b>T. Lev</b> , O. Tishchenko. Consideration of local territorial features and external natural impacts in the construction and streamlining of a NPP environment monitoring network
16:15-16:30	<b>M. Talerko</b> , Ye. Garger, V. Petrenko. An information analysis system for the assessment and forecasting of a radiation situation in the Chornobyl exclusion zone
16:30-16:45	<b>V. Shestopalov</b> , A. Bohuslavskyy. Chornobyl experience in the approaches to assessment of underground water protection and vulnerability
16:45-17:00	<b>V. Davydychuk</b> , L. Sorokina, R. Zarudna, M. Petrov. A multiscale landscape map of the exclusion zone as a basis for a radioecological GIS
17:00-17:15	<b>S. Kireev</b> , S. Obrizan, D. Vyshnevskyy. Radiation environmental monitoring in the exclusion zone: problems and prospects
17:15-18:00	<b>Discussion and wrap-up</b>

## Breakout session 5 programme

**Radioecological consequences of the Chornobyl disaster, farming in contaminated areas, social and economic development of areas exposed to the Chornobyl disaster: successful development models, overcoming stereotypes and improving the investment attractiveness of regions**

Thursday, 21.04.11, 14:00 - 18:00 Ukrainskyi Dim, Great Exhibition Hall, 1<sup>st</sup> floor

**Hosted by B. Prister, R. Aleksakhin, I. Bohdevych**

Time	Speaker, report title
14:00-14:20	<b>M. Zubets</b> , B. Prister, R. Aleksakhin, I. Bohdevych, V. Kashparov. Urgent tasks for rehabilitation of territories and agricultural production in the ChNPP radioactive contamination zone
14:20-14:35	<b>V. Kashparov</b> , S. Polishchuk. Problems of radioactive contamination of agricultural products in Ukraine in the current stage
14:35-14:50	<b>V. Kuznetsov</b> , N. Sanzharova. Peculiarities of <sup>137</sup> Cs migration in various agricultural landscapes in a long-term period after the Chornobyl NPP accident
14:50-15:05	<b>R. Ilyazov.</b> Minimizing the Chornobyl disaster consequences in animal breeding – <b>a reporter's report</b>
15:05-15:20	<b>Hinton TG.</b> , Garnier-Laplace J., Geraskin S., Smith JT. Lessons I. Radioecology 25 years after the Chernobyl accident

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<b>15:20-15:40</b>	<b>Fesenko S.</b> , Chupov A., Antsipov G., Sanzharova N., Kashparov V., Vidal M. The IAEA support to the rehabilitation of the areas affected by the Chernobyl nuclear power plant accident
<b>15:40-16:00</b>	<b>Coffee break, poster presentations</b>
<b>16:00-16:20</b>	<b>G. Sokolik.</b> Behaviour of plutonium and americium in the vegetative ground cover in Belarus – <b>a reporter's report</b>
<b>16:20-16:40</b>	<b>V. Krasnov,</b> O. Orlov, V. Landin. Results and prospects of radioecological studies in Ukrainian forest ecosystems
<b>16:40-16:55</b>	<b>Oliver C.,</b> Zibtsev S. Management and evaluation of the forest fire situation in the exclusion zone and the unconditional (compulsory) evacuation zone - <b>a reporter's report</b>
<b>16:55-17:10</b>	<b>E. Garger,</b> Kuzmenko Yu., Kashpur V., Skoryak G., Tschiersch J. Prediction of volume activity of <sup>137</sup> Cs in the surface layer of atmosphere in 30 km of exclusive zone of CHNPS
<b>17:10-17:30</b>	<b>D. Hudkov.</b> Radioecological consequences of the Chornobyl disaster for Ukrainian water ecosystems - <b>a reporter's report</b>
<b>17:30-17:45</b>	<b>O. Nasvit,</b> M. Kushnir. The State's policy on overcoming the Chornobyl disaster consequences, and regulatory legal framework for the policy in the current stage
<b>17:45-18:00</b>	<b>Discussion and wrap-up</b>

## LIST OF POSTER PRESENTATIONS

Thursday, 21.04.11, 14:00 - 18:00 Ukrainskiy Dim, Central Hall

### Section 1

No.	Speaker, report title
1.	<b>Grodzinskaya A.</b> , Syrchin S., Kuchma N., Kholodny N. "Mushrooms as bioindicators of radiocesium contaminated territories"
2.	<b>Popuiac A.</b> "Ecologio-geochemical survey in republic of Moldova"
3.	<b>Shevchenko O.,</b> Spasenova L., Gudzenko V. "Inorganic and biologic techniques for the natural water decontamination inside Chernobyl alienated zone: comparative analysis"
4.	<b>Chouha M.</b> "25 years after Chernobyl: the safety of the RBMK reactors"
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6.	<b>Ye. Antonova,</b> V. Pozolotina, E. Karimullina, "Environmental genetic consequences of radiation exposure for plants in the Eastern Ural radioactive trail"
7.	<b>O. Zakutevsky,</b> V. Strelko, T. Psareva, I. Zhuravlev, "Sorption of radionuclides and uranium accumulation by titanium phosphates and phosphoric silicates"
8.	<b>V. Kortov,</b> Ye. Gorelova, "Single-crystal and nanostructural thermoluminescent ionizing-radiation detectors for contaminated area control"
9.	<b>A. Melnykov,</b> Ye. Lobach, S. Saverskyi, V. Tokarevskyi, V. Kholosha, "A wind farm in Chornobyl-2"
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12.	<b>A. Sobolev,</b> "OHSAS 18001:2007 – health and safety management system"
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14.	<b>O. Bondarenko,</b> "Analyzing public authorities' performance in overcoming the Chornobyl disaster consequences: lessons for the future"
15.	<b>O. Bondarenko,</b> "Reviewing radioactive contamination zones based on general dosimetric certification of Ukraine"
16.	<b>I. Krynychna,</b> "Priorities in state management of the processes of the Ukrainian population's radioactively safe vital activities"
17.	<b>A. Kutyркиn,</b> "Ways of solving the Chornobyl disaster's legal problems"

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18.	<b>T. Pylypchuk</b> , D. Vyshnevskiy, "The radiation situation in settlement areas of 'self-settlers'"
19.	<b>S. Savostianova</b> , "State regulation of liability for harmful impact of nuclear and radiation risks on the Ukrainian people's life and health"
20.	<b>Ye. Sydoryk</b> , A. Burlaka, I. Yakymenko, "Risks of a combined action of small ionizing-radiation doses caused by the ChNPP accident as well as of microwave irradiation of mobile communication means"
21.	<b>V. Udovychenko</b> , "Issues of the State's securing social guarantees and social protection for participants of the ChNPP accident aftermath elimination and the persons affected by the Chernobyl disaster, and ways of addressing the issues under contemporary conditions (as exemplified by Slavutych city)"

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2.	<b>Dubchak S.</b> , Turnau K., Kuchma M., Mietelski J.W. "Arbuscular mycorrhizal fungi diversity in Chernobyl exclusion zone and role of arbuscular mycorrhiza in <sup>137</sup> Cs uptake"
3.	<b>Kuchma O.</b> , Vornam B., Finkeldey R. "Genetic processes in Scots pine (pinus sylvestris l.) In the Chernobyl exclusion zone"
4.	<b>Polischik V.</b> , Shevchenko T., Budzanivska I., Shevchenko O., Chyzhevskiy I. "Effect of chronic radioactive irradiation on plant viruses and the course of virus infections in Chernobyl estrangement zone: ecological, epidemiological and evolutionary consequences"
5.	<b>Rashydov N.</b> "Character changers metabolic pathways of the plants grown under chronic irradiation in Chernobyl zone"
6.	<b>Tkachenko N.</b> , Kaplan M., Zamulaeva I. Medical examination of liquidators within a long time after Chernobyl accident
7.	<b>Ye. Horbacheva</b> , L. Orlova, "Analysis of sugar diabetes and diabetic retinopathy prevalence among the participants of the ChNPP accident aftermath elimination living in Kharkiv and Kharkiv oblast"
8.	<b>A. Niagu</b> , L. Porokhniak-Ganovskaya, "Open issues of social policy concerning radiation exposure victims 25 years after the Chernobyl disaster"
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10.	<b>V. Tsuprikov</b> , V. Bebesko, D. Bazyka, K. Lohanovskiy, R. Nesterenko, N. Ostanina, A. Romanenko, "Apimanax, honey of uncaria tomentosa (willd.) Dc – a new organic functional product protecting natural immunity and preventing early ageing caused by ionizing radiation"
11.	<b>V. Varus</b> , O. Horishna, "Medical environmental problems of the territories affected by the Chernobyl accident"
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13.	<b>L. Degtiareva</b> , "Peptic duodenum ulcer in the ChNPP accident victims: structural manifestations of pathomorphism, morphogenesis features, and prognostic aspects"
14.	<b>E. Demina</b> , "Improving biological dosimetry of exposure of the Chernobyl NPP accident aftermath elimination participants"
15.	<b>Ye. Dziubenko</b> , D. Gudkov, A. Nazarov, O. Protsenko, L. Chepiga, "Analysis of the chromosome aberration rate and cell composition of freshwater mollusk hemolymph in the Chernobyl exclusion zone"
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26.	<b>V. Telnov</b> , N. Kabirova, P. Okatenko, "Carcinogenic risks in descendants whose parents were exposed to chronic pre-conceptive irradiation"
27.	<b>T. Tugai</b> , V. Zheltonozhsky, M. Zheltonozhskaya, L. Sadovnikov, A. Tugai, M. Lizhdvoi, "Adaptation of Chernobyl-originated microscopic fungi to chronic ionizing irradiation"
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29.	<b>K. Bazyka</b> , L. Shvaiko, V. Sushko, "Description of the pulmonary system condition in patients with a chronic obstructive pulmonary diseases who were affected due to the Chernobyl disaster, in a long-term post-accident period based on results of functional pulmonary tests"
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37.	<b>Ye. Parshkov</b> , V. Sokolov, T. Golivets, Yu. Artamonova, D. Barns, "Retrospective analysis of cancer incidence in heavily and weakly radionuclide-contaminated Russian territories over 1981-2005"
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2	Garger E., Odintzov A., <b>Shynkarenko V.</b> , Meisenberg O., Tschiersch J. "Estimating solubility parameters of airborne nuclear fuel particles from the chernobyl shelter"
3	<b>V. Batii</b> , S. Podberezny, V. Rudko, A. Shchulepnikova, "Prospects of the Shelter facility's final conversion into an environmentally safe system with the aid of a new safe confinement"
4	<b>L. Horovoi</b> , "A sorption technology for reprocessing of liquid radioactive waste containing transuranic elements"
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6	<b>Yu. Kovbasenko</b> , Ye. Beloded, Ye. Lebedev, V. Zaitsev, "Developing a rated module to determine criticality of the ISFSI-1 FP sections"
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8	<b>A. Odintsov</b> , "Peculiarities of $^{90}\text{Sr}$ , $^{137}\text{Cs}$ , $^{238}\text{Pu}$ , $^{239+240}\text{Pu}$ , $^{241}\text{Am}$ radionuclide leaching from lava-like fuel-bearing materials of the Shelter facility"
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11	<b>A. Skorbun</b> , B. Ohorodnikov, "Impact of the meteorological situation upon the Shelter facility radioactive aerosols"
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14	<b>K. Checherov</b> , "Cumulative activity in a high-power reactor"
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3.	<b>M. Bondarkov</b> , A. Maksimenko, V. Zheltonozhskaya, M. Zheltonozhskaya, "A method for simultaneous evaluation of <sup>90</sup> Sr and <sup>137</sup> Cs content in small animal organisms and other environment objects"
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5.	<b>B. Godun</b> , S. Kireev, "Peculiarities of the radiation situation in the exclusion zone surface air under contemporary conditions"
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