



19TH WIN GLOBAL ANNUAL CONFERENCE
June 6~10, 2011

NUCLEAR TECHNOLOGIES – TO BUILD A BETTER WORLD

PROGRAM



Riviera Holiday club, Varna, Bulgaria

Organized by: Women in Nuclear-Global & Women in Nuclear-Bulgaria

Hosted by: Women in Nuclear-Bulgaria

Under the patronage of the:

Minister of Economy, Energy and Tourism of the Republic of Bulgaria

Bulgarian Nuclear Regulatory Agency

Bulgarian Atomic Forum

Kozloduy NPP Plc.

MESSAGE FROM THE PRESIDENT OF WIN-BULGARIA



Dear WiNners,

On behalf of WiN-Bulgaria, I am personally pleased to welcome you to the 19th Annual WiN Global meeting 2011.

I would like to begin by thanking our sponsors, who have contributed towards the organization of this event thus embracing and fostering the implementation of our WiN mission worldwide.

It also gives me great pleasure to meet this large number of WiNners who are willing to deliver presentations, country reports and poster sessions and also to share their experience and knowledge as well as their future perspectives for the nuclear industry.

I believe that it is especially important today, just a few months since the nuclear energy supporters and the world as a whole have faced one of the most serious and significant challenges and ordeals.

The Theme of this year's event is "Nuclear technology – to build a better world" and it will address many of the different aspects of the subject. I do hope that it will be beneficial and that each and everyone of you will take the message back to the WiNners and the general public in your own countries.

And last but not least I hope you will enjoy the Bulgarian scenery, climate and cuisine.

Welcome to Bulgaria!



Katya Minkova
WiN-Bulgaria President
June 2011

MESSAGE FROM THE PRESIDENT OF WIN-GLOBAL



Dear WiNners,

I have always believed that the strength of Women In Nuclear is in the local chapters. Recent events have convinced me that this is exactly the position to be in.

The last year has been a very dynamic time. The action of a single cart vendor was the spark that changed a government; instant messaging - IM - communication united an entire culture; and the impacts of an earthquake and the resulting tsunami have been felt around the world.

In every one of these venues you will discover WiNners fulfilling the Vision of WiN. WiNners have stepped in and stood as a voice of reason and sanity amid the chaos. Our core values as presented in the WiN Charter continue to be our standard.

Vision

To be a forum for exchanging information and raising awareness of the benefits of nuclear and radiation applications, and of the safety that ensures protection of the public and the environment, to enhance the quality of life.

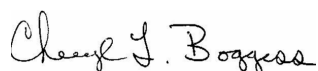
Strategy

To communicate everything from a human perspective. Effective communication is a balanced integration of emotion and reason in informing people by people on three different levels: ethical values and emotions, the technical and scientific level, and economics.

As we gather in Varna, Bulgaria for the 19th Annual WiN Global Conference and focus on the conference theme of “Nuclear Technologies – to build a better world”, I encourage you to get involved. We must continue to work together, break down barriers, and communicate opportunities. As the work of our organization continues to focus on fundamentals, the efforts of our members and committees is returning value to those WiN seeks and serves. WiN members are positively impacting the world and enhancing the quality of the lives we touch.

Thank-you to WiN Bulgaria and our wonderful conference sponsors for hosting the 2011 WiN General Assembly and annual conference. Congratulations to all WiNners for continuing to break down barriers in the spirit of equality, successfully using open and factual communication across our diversity - this is the WiN standard. Your activities and accomplishments continue to inspire and impact the world in a positive way. Together we all are Engaging the public, one-on-one, with a message that connects and communicates, $E=mc^2$.

Enjoy your day!

A handwritten signature in black ink that reads "Cheryl L. Boggess". The signature is written in a cursive, flowing style.

Cheryl L. Boggess
5th WiN President
June 2011

Sunday, 5 June – Monday, 6 June

Technical Tour: Kozloduy NPP (Optional)

Monday, 6 June

8:00~19:00 Registration, *Riviera Beach Hotel, second floor*

19:00~22:00 **EXECUTIVE MEETING** (Executive members only), *Riviera Beach Hotel, Meeting room*

Tuesday, 7 June

8:00~19:00 Registration, *Riviera Beach Hotel, second floor*

9:00~10:30 **OPENING CEREMONY**, *Riviera Beach Hotel, Conference hall*

Chairs: **Katya Minkova**, *President of WiN-Bulgaria*; **Rumyana Stoyanova**, *WiN-Bulgaria Board Member*

9:00~9:50 Welcome addresses:

- **Katya Minkova**, *President of WiN-Bulgaria*
- **Traycho Traykov**, *Minister of Economy, Energy and Tourism of the Republic of Bulgaria*
- **Vladimir Urutchev**, *Member of the European Parliament*
- **Sergey Tzotchev**, *Chairman of the Bulgarian Nuclear Regulatory Agency*
- **Bogomil Manchev**, *Chairman of the Bulgarian Atomic Forum*
- **Kostadin Dimitrov**, *Executive Director of Kozloduy NPP Plc.*
- **Dominique Mouillot**, *President of WiN Europe*
- **Cheryl Boggess**, *President of WiN-Global*

9:50~10:30 **COUNTRY REPORTS** (Continuing without break of the conference activities)
Presentations by 5 countries (in alphabetical order).
Presentations will last 6 minutes for each country (highlights only)

10:30~11:00 *Coffee Break*

11:00~12:30 **SPECIAL SESSION OF FUKUSHIMA**, *Riviera Beach Hotel, Conference hall*

Chair: **Junko Ogawa**, *President of WiN-Japan*

11:00~12:00 **Mito Sagai, Keiko Chitose, Sayaka Ando, Rieko Morisaki, Junko Ogawa**, *WiN-Japan: What Hit Fukushima During an Unprecedented Tsunami: WiN-Japan Views on the Largest Nuclear Disaster*

12:00~13:00 Discussion (Questions and Answers)

13:00~14:00 *Break for Lunch*

14:00~17:30 **TECHNICAL SESSION I**, *Riviera Beach Hotel, Conference hall*

Subject: Safety and Security, Safeguards, Effective Regulation, Environment Protection and Waste Management

Plenary session

Moderators: **WiN-Global Board Member**; **Rumyana Boyuklieva**, *EQE Bulgaria AD*

- **Gabriela Teodorov**, *MATE-FIN SRL, Romania*: Pre-treatment of Organic Liquid Waste Stream at Cernavoda NPP
- **Krasidara Krasteva**, *Risk Engineering Ltd, Bulgaria*: Technical Assistance to SE “RAW” for Establishment of an Emergency Response Preparedness System for

Radiological Accidents

- **Milena Ivanova**, *Risk Engineering Ltd, Bulgaria*: Safety Assessment of Low and Intermediate Level Radioactive Waste Repository in Bulgaria at Site Confirmation Stage
- **Albena Stoyanova**, *ONET Technologies Bulgaria*: ONET Technologies Bulgaria - a Company with Successful Women Presence in the Field of Nuclear Safety and Waste Management
- **Svetlana Genova**, *Kozloduy NPP, Bulgaria* - Kozloduy Nuclear Power Plant - Energy for Clean Nature

Coffee Break

- **Aneliya Tsvetkova**, *Kozloduy NPP, Bulgaria*: Emergency Planning Challenges at Kozloduy Nuclear Power Plant, Resulted from Fukushima Experience
- **Kaliopa Mancheva**, *Risk Engineering Ltd, Bulgaria*: Risk Engineering LTD Experience in Severe Accident Analyses
- **Young-Ok Lee**, *Korea Power Engineering Company*: Seismic Qualification for Safety-Related Equipment in Nuclear Power Plant

Poster session

The reports will be available for the participants 30 min. before the opening of the plenary session in front of the hall where the session will take place

- **Rumyana Boyuklieva**, *EQE Bulgaria AD*: Management System Development in Compliance with both IAEA and ISO Standards Requirements
- **Helena Cabáneková**, *Slovak Medical University in Bratislava, Slovak republic*: Radiation Monitoring Network of Slovak Republic
- **Bojana Marinova, Diana Nedyalkova**, *Risk Engineering Ltd, Bulgaria*: Influence of Internal Impacts (Fires and floods) on KNPP Units 5&6 Safety

14:00~17:30 **WIN-GLOBAL BOARD MEETING** (closed), *Riviera Beach Hotel, Seminar hall*

17:30~19:00 **WIN COMMITTEE MEETINGS**

20:00 **“WELCOME” COCKTAIL & WIN-GLOBAL AWARD**, *Riviera Holiday club, Imperial café*

Wednesday, 8 June

8:00~19:00 Registration/Information desk, *Riviera Beach Hotel, second floor*

9:00~10:30 **WIN-GLOBAL GENERAL ASSEMBLY & GROUP PHOTO**

09:00 General Assembly, *Riviera Beach Hotel, Conference hall*

Chair: **Cheryl Boggess**, *President of WiN-Global*

10:00 Group Photo

10:30~11:00 *Coffee Break*

11:00~13:00 **COUNTRY REPORTS**, *Riviera Beach Hotel, Conference hall*

Chair: **WiN-Global Executive; Andriana Vakleva**, *WiN-Bulgaria*

Presentations by 15 countries (in alphabetical order).

Presentations will last 6 minutes for each country (highlights only)

13:00~14:00 *Break for Lunch*

14:00~16:00

CONCURRENT TECHNICAL SESSIONS

14:00~16:00

TECHNICAL SESSION II, *Riviera Beach Hotel, Conference hall*

Subject: Nuclear Technologies and Future Perspectives

Plenary session

Moderators: **WiN-Global Board Member; Katya Lyubomirova**, *Risk Engineering Ltd, Bulgaria*

- **Krasimira Ilieva**, *Institute for NRNE, Bulgaria*: Research Reactor IRT-Sofia forward BNCT
- **Cecile Maisonneuve**, *Vice President, International Agenda and Prospective, AREVA*: The Global Future of Nuclear Energy after Fukushima: an International Perspective
- **Milena Pražská**, *AMEC Nuclear Slovakia*: Progressive Decontamination Technologies
- **Andrea Bachrata**, *IRSN, Cadarache, France*: Core Debris Bed Reflooding: Model Development and New Experimental Data
- **Katya Lyubomirova**, *Risk Engineering Ltd, Bulgaria*: Belene NPP Implementation Status
- **Sana H. Bilal**, *United Arab Emirates: Federal Authority for Nuclear Regulation*
- **Adrii Bilyk**, *Chernobyl NPP, Ukraine*: Chernobyl, New Safe Confinement

Poster session

The reports will be available for the participants 30 min. before the opening of the plenary session in front of the hall where the session will take place

- **Sang Hee Kang**, *Korea Hydro & Nuclear Power Co., Ltd*: Evaluation of Core Heat Transfer Phenomena in THTF Test Using SPACE Code
- **Hyowon Kim**, *Doosan Heavy Industries and Construction, Korea*: Verification of welding procedures of reactor vessel core region parts
- **SuJin Byon**, *KEPCO RI, Korea*: Configuration Management for the Nuclear Power Plant Simulator
- **Mary Ann Walsh, Cheryl Boggess**, *Westinghouse, USA*: Aging Management Requirements and Strategies, for the internals of Nuclear Reactors during their Extended Lifetime
- **Hyung-nam Kim**, *KEPCO RI, Korea*: Estimation of Steam Generator Tube Wear Caused by Foreign Objects
- **Do Hyun Hwang**, *KEPCO RI, Korea*: Development of OPR1000 Simulator in Korea
- **Galina Todorova**, *Varna University Varna Free University, Nonka Jeleva -- INRNE, BASINRNE, BAS*: Advanced cross-section libraries generation and data processing

14:00~16:00

TECHNICAL SESSION III (concurrent), *Riviera Beach Hotel, Seminar hall*

Subject: Nuclear Applications and Medicine

Plenary session

Moderators: **WiN-Global Board Member; Jenia Vassileva**, *National Centre of Radiobiology and Radiation Protection, Bulgaria*

- **Dr. Sonia Sergieva, PhD**, *Sofia Cancer Centre, Bulgaria*: SPECT-CT in Oncological Practice
- **Prof. Aneliya Klisarova, MD, PhD**, *University Hospital St. Marina, Varna, Bulgaria*: PET/CT in Oncology

	<ul style="list-style-type: none"> ▪ Tsai-Yueh LUO, <i>Institute for nuclear energy research, Taiwan</i>: Re-labeled Glyco-ligand OCTAM Accurately Estimated Remnant Liver Function in a Mouse Model with Schistosoma Infection ▪ Assoc. Prof. Jenia Vassileva, Ph.D., <i>National Center of Radiobiology and Radiation Protection, Bulgaria</i>: Towards Higher Level of Patient Safety and Control of Medical Exposure – Bulgarian Experience ▪ Darcelle Schouw, Eskom, South Africa: Koeberg Nuclear Power Station in South Africa
	<p>Poster session</p> <p>The reports will be available for the participants 30 min. before the opening of the plenary session in front of the hall where the session will take place</p> <ul style="list-style-type: none"> ▪ Rossitza Miteva, <i>Risk Engineering Ltd, Bulgaria</i>: Improvement of the Reliability of Non-destructive Examination ▪ Mariana Sotirova, <i>Risk Engineering Ltd, Bulgaria</i>: Risk Informed in-Service Inspection
16:00~16:30	<i>Coffee Break</i>
16:30~17:30	<p>COUNTRY REPORTS & CLOSING CEREMONY, <i>Riviera Beach Hotel, Conference hall</i></p> <p>Chairs: WiN-Clobal Executive; Krasimira Petrova, <i>WiN-Bulgaria</i></p>
16:30~17:00	<p>Presentations by 5 countries (in alphabetical order). Presentation will last 6 minutes for each country (highlights only)</p>
17:00~17:30	Closing speech by Cheryl Boggess , <i>President of WiN-Global</i>
17:30~19:00	WIN EUROPE - BOARD MEETING (closed meeting), <i>Riviera Beach Hotel, Seminar hall</i>
17:30~19:00	WIN COMMITTEE MEETINGS
20:00	DINNER IN A TRADITIONAL BULGARIAN RESTAURANT

Thursday, 9 June

8:00~19:00

Information desk, *Riviera Beach Hotel, second floor*

9:00~11:00

TECHNICAL SESSION IV, *Riviera Beach Hotel, Conference hall*

Subject: Communicating the Nuclear Message and Knowledge Transfer

Plenary session

Moderators: **WiN-Global Board Member; Marinela Ilieva**, *Risk Engineering Ltd, Bulgaria*

- **Sezin Uzman** and Gilda Bocoock, *Westinghouse Electric Company, USA*: Communication Strategies Used to Spread the Nuclear Message in the United States
- **Anne-Marie Birac**, *member of WiN France board; WiN France Educational Tools Project*
- **Galina Kostadinova**, *Kozloduy NPP, Bulgaria*: Have the Women Courage to Take a Part in Operational Activities 1000 MW PWR?
- **Gergana Kostadinova**, *student, Bulgaria*: WiN – Bulgaria and Young People – Sharing Equal Attitude Towards the Nuclear Energy Benefits
- **Se-Moon Park**, *President of WIN Korea*: Experience of Nuclear Knowledge Transfer in Korea
- **Neli Krivoshieva**, *Kozloduy NPP, Bulgaria*: Dialogue – a Means for Commitment of Kozloduy NPP Personnel to Achieve the Set Aims

Poster session

The reports will be available for the participants 30 min. before the opening of the plenary session in front of the hall where the session will take place

- **Ming Fong Tai**, *National Tsing Hua University Taiwan*: Communication and Science Education of Nuclear Energy and Radiation in Taiwan
- **Seah Lee**, *Korea Nuclear Energy Promotion Agency(KONEPA)*: Nuclear Promotion Activities in Korea
- **Vanya Yordanova**, *Marinela Ilieva, Risk Engineering Ltd, Bulgaria*: The Concept of Nuclear Knowledge Management in the Context of Safety Culture for NPPs and its Aspects in Bulgarian Nuclear Industry
- **Carmen Ghita**, *ONET Technologies, Romania*: Applying Knowledge Management to the Radioactive Waste Management in Romania
- **Boyka Kirilova-Papazova, Gergana Simeonova**, *WorleyParsons, Bulgaria*: Public prospective of nuclear after March 2011

10:30~14:00

Coffee Break & WiN Regional Breakouts

WIN REGIONAL BREAKOUTS:

- WiN Asia; WiN Americas; WiN Africa; WiN Australia-Oceania

15:00

CULTURAL TOUR (Optional): Departure for the trip to the town of Veliko Tarnovo

Free Time

Friday, 10 June

CULTURAL TOUR (Optional):Excursion in the town of Veliko Tarnovo

Pre- and Post-Meeting Events

Technical Tour: Kozloduy NPP

(Hosted by Kozloduy NPP Plc.)



Sunday, 5 June

16:00~19:00 Arrival at Sofia Airport – not later than 16.00
20:00 Transportation by bus from Sofia to Kozloduy
 Dinner in the Istar hotel restaurant

Monday, 6 June

09:00~11:00 Visit to Kozloduy NPP
11:00~18:00 Transportation by bus from Kozloduy to Varna
~18:30 Arrival at Riviera Holiday club

Cultural Tour: Excursion to the town of Veliko Tarnovo

(Expenses paid by the participants)



Thursday, 9 June

15:00 Departure from Riviera Holiday club
15:00~19:00 Transportation by bus from Varna to Veliko Tarnovo
19:00~19:30 Arrival in Veliko Tarnovo and check-in at the Bolyarski Hotel
20:30~23:30 Dinner in the Bolyarski hotel restaurant
21.30~22.00 Sound-and-Light show

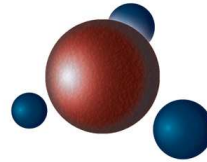
Friday, 10 June

09.00~11.00 Free time and & Sightseeing
11.30~18.00 Transportation by bus from Veliko Tarnovo to Sofia
13.30~15.00 Lunch
~18.30 Arrival in Sofia and check-in at the Accord hotel in Sofia

THANKS TO OUR SPONSORS



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MARIANA YOTOVA - DICHEVA



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