**Tatiana Terentieva**

Deputy Director General for HR, Rosatom Corporation

**Изображение выглядит как Человеческое лицо, человек, улыбка, одежда

Контент, сгенерированный ИИ, может содержать ошибки.**

20 years of management experience in the HR sphere. Tatiana Terentieva has worked with Rosatom since 2011. For all this time the corporation has been consistently recognized as the best employer for graduates of engineering and technical specialties in the international Universum ranking system, as well as in leading rankings of the best employers in Russia according to HeadHunter, the country's largest online recruitment platform.

Rosatom’s Corporate Academy won the 2020 Crystal Pyramid Award for "Corporate University of the Year" and was recognized as the best corporate university in the world in the Global Council of Corporate Universities Awards in 2019. Rosatom is the only state-owned company named as a "Best Employer" in Aon Hewitt's study.

Tatiana Terentieva pays great attention to the development of volunteering and corporate social responsibility. She has contributed significantly to the development of federal and international initiatives. Under her direction, Rosatom and WorldSkills International started a joint project that aims to improve the competencies of workers and engineers in the nuclear industry.

Topics/Key issues

- Rosatom’s Leadership in HR

- Unlocking the potential of employees

- Rosatom's educational ecosystem

- Development of Engineering Talent and Support for Young Specialists

Keywords:

HR strategy, best practices, talent development, corporate training, social responsibility, engineering education, international cooperation

**Dr. Mohammed Dwiddar**

Board Chairman, Nuclear Power Plants Authority of Egypt (NPPA)

* Graduated from Alexandria University in 2005. Obtained a Master's Degree and a PhD from Alexandria University in matters related to the nuclear fuel cycle.
* Has been involved in the El-Dabaa Project since its very early stages as he was a member of the steering committee and participated in the project contract negotiations.
* Once the project contracts became effective, he was appointed as First Deputy Project Manager. In January 2021, he became the Project Manager for the ElDabaa Nuclear Power Plant Project.

Key topics:

- Development of the El Dabaa NPP Project

- Prospects for Nuclear Energy in Egypt

- Impact of Nuclear Projects on the Economy and Science

Keywords:

El Dabaa NPP, investments, technology, energy security

**Mikhail Chudakov**

Deputy Director-General and Head of the Department of Nuclear Energy, IAEA

  
Mikhail Chudakov has been Deputy Director General and Head of the Department of Nuclear Energy since February 2015. Until his appointment at the Agency, starting since February 2007, Mr. Chudakov was Director of the Moscow Centre of the World Association of Nuclear Operators (WANO).

Prior to that, since 1995, Mr. Chudakov held a number of senior management positions at Rosenergoatom Russia, including his appointment in April 1999 as Deputy Director-General of Rosenergoatom and Director of the Bilibino NPP. From 1993 to 1995, Mr. Chudakov served as Advisor to WANO in Moscow and London. From 1983 to 1993, he worked in various positions at the Kalinin NPP, including as Senior Reactor Operator.

Mr. Chudakov holds a PhD degree in nuclear engineering.

Key topics:

- Global Development of Nuclear Energy

- International Cooperation in Nuclear Power

- Future of Nuclear Technologies

Keywords:

Safety, energy of the future, innovation, sustainable development

**Prof. Hossam Osman**

Deputy Minister of Higher Education and Scientific Research of the Arab Republic of Egypt

Dr. Hossam Osman is the Deputy Minister of Higher Education and Scientific Research for Innovation and Scientific Research fostering innovation-driven impact of higher-education and scientific-research institutions on Egypt's prosperity and economic growth. Dr. Osman is a member of the National Council for Artificial Intelligence developing and supervising the implementation of the National AI Strategy.

Dr. Osman has over 35-year experience as director, consultant, researcher, instructor, and developer in IT and software engineering. His experience is divided between industry and academia, private and governmental organizations, small and national-level projects, and domestic and overseas companies.

Key topics:

- Innovation development in higher education and scientific research in Egypt

- Role of artificial intelligence in scientific research and education

- Impact of innovative technologies on Egypt's economic growth

- Egypt's National AI Strategy

- Prospects for the development of information technology in Egypt’s education system

- Collaboration between academia and industry in Egypt

Keywords:

Innovation, research, artificial intelligence, AI strategy, software engineering

**Soheir Korraa**

President of African Women in Nuclear, Professor at the Egyptian Atomic Energy Authority

Soheir is the founder and president of WiN Egypt. She is a Professor of Radiation Molecular Biology and is currently President of WiN Africa, member of WiN Global Award Committee, WiN Global New Chapter Committee. She is also treasurer of the Pan African Environmental Mutagen Society and secretary general of Egyptian Environmental Mutagen Society.

Key topics:

- The Role of Women in Africa’s Nuclear Sector

- Development and Activities of WiN Africa and WiN Egypt

- The Impact of Radiation on Molecular Biology

- Environmental Genetics and Its Importance for Health and the Environment

- Women's Leadership in Science and Energy

- Nuclear Energy Development in Africa

Keywords:

WiN Africa, WiN Egypt, nuclear energy, radiation molecular biology, environmental mutagenetics, women's leadership, science and technology, nuclear power in Africa, nuclear safety, sustainable development.

**Elsie Pule**

Executive Director, BRICS Nuclear Energy Platform

Elsie obtained her first degree in Social Work in 1989 at the University of the North. She furthered her formal education (part time) by obtaining a BA (HONS) in Psychology at the university of Pretoria in 1995 and an MSc – Business Engineering from Warwick University (UK) in 2004.

Elsie started her career as a Social Worker with the Public Sector and later the National Council for the aged. Six years later she worked for the University of Pretoria as a Psychology lecturer seeing the onset of Psychology being delivered in the English medium for the first time in 1995. Upon joining the Corporate sector in 1995, Elsie spent her career at Eskom during which she fulfilled various roles that spanned the entire HR value Chain.

In March 2010 Elsie became the Chief Officer Human Resources at the South African Revenue Services (SARS). Elsie returned to Eskom as the Senior General Manager in December of 2012. She acted as the Group Executive Human Resources as from November 2014 until she was officially appointed as the Group Executive Human Resources in June 2016, the role she currently occupies.

Some of the highlights in her career include:

• Leading HR teams of over 1400 employees across South Africa

• Served at various organisations as a board member including the Eskom Pension and Provident Fund (EPPF), the Institute of People Management (IPM) and the Eskom Finance Company (EFC)

• Spearheaded the Eskom Women Advancement Programme

• Led a compilation of the book “Eskom Women’s Transformation Journey” – A Nickel of Democracy

• Awarded HR Leader of the Year by Africa India Summit in 2011 and Runner Up IPM HR Director of the Year in the same year.

• Awarded the Standard bank Top Female in the Public Sector (2018)

• Presented numerous papers internationally including Women Empowerment & Gender Equity,

• Her latest achievement is her appointment to the Energy Sector Gender Ministerial Advisory Council of South Africa

Key topics:

- Women’s Leadership in the Nuclear Industry

- Experience in Managing Large HR Teams

- Supporting Gender Equality in the Energy Sector

- Workforce Development in BRICS Nuclear Energy

Keywords:

Gender equality, women’s leadership, HR management, BRICS nuclear energy, nuclear career development.

**Prof. Ahmed Abdullah Zayed**

Director of the Bibliotheca Alexandrina

Prof. Ahmed Abdullah Zayed Hegab was appointed Director of the Bibliotheca Alexandrina in August 2022. He has worked as a Professor of Sociology at the Faculty of Arts, Cairo University, since 1991. He took on many administrative and academic positions over the past years, in addition to his experience in the field of translation and scientific publishing. He has received many awards throughout his career, and has been participating in general cultural work by writing periodically for newspapers and magazines and contributing to many conferences and symposia. He also writes bi-weekly articles for Al-Ahram newspaper.

Key topics:

- The Role of Science and Education in Societal Development

- International Scientific Cooperation

- Popularization of Knowledge and Access to Information

Keywords:

Science, education, collaboration, culture, technology, digital age.

**Alexey Kononenko**

Head of El Dabaa NPP Project, Vice President of ASE JSC

Alexey Kononenko began his career at Electrical Installation Directorate No. 7 of the Elektrosevkavmontazh Trust. He participated in the construction of the Bushehr Nuclear Power Plant in Iran and managed equipment installation at the Rostov Nuclear Power Plant. In 2015, as the Construction Director of the Rostov NPP, he ensured the early commissioning of Power Unit No. 4 through effective management and the implementation of the Multi-D system.

Starting in 2018, he worked at the Belarusian NPP, focusing on process analysis and optimization. In 2020, he was appointed Head of the Representative Office of JSC ASE in Belarus, where his project to reduce construction timelines at the nuclear island won a Rosatom competition.

Since April 2023, he has been leading the El Dabaa NPP construction project in Egypt. Under his leadership, construction activities for all four power units have been rapidly deployed in accordance with the EPC contract. His strategic vision and development of social infrastructure for the workforce have significantly improved labor productivity, earning recognition from Rosatom. His effective project management and commitment to fostering Russia–Egypt relations in nuclear energy highlight his ability to successfully lead large-scale international projects.

Key topics:

- El Dabaa NPP construction

- Development of Russia–Egypt cooperation in nuclear energy

- Importance of social infrastructure in enhancing NPP construction efficiency

- Technological innovations in nuclear power plant design and construction

- Managing international teams in major energy projects

Keywords:

El Dabaa NPP, nuclear power plant construction, international cooperation, Multi-D system, energy infrastructure, social infrastructure, nuclear energy, labor productivity, EPC contract, international projects, project management

**Alikaan Çiftçi**

Founder and President of the Nuclear Industry Association of Türkiye (NIATR) and the Vice President of Bayramoğlu Industry Holding.

He also holds key leadership roles in several prominent companies, including B&B Renewable Energy, BGO Industrial Innovation, BAsteel, and Metalatlas Software Company. With a strong focus on advancing Türkiye's nuclear and renewable energy sectors, Çiftçi has played a pivotal role in fostering international collaborations and driving innovation within the industry. His leadership at B&B Renewable Energy has helped the company become one of the world’s top

suppliers of wind turbine components in North America and Europe. Çiftçi holds degrees in Business and Technology Management and Manufacturing Engineering from Istanbul Technical University. Throughout his career, he has focused on technological innovation, localization efforts, and creating strategic partnerships. He is a member of several industrial and energy associations, including TUREB, SAHA Istanbul, YASED (International Investors Association),

and TABA AmCham (Turkish American Business Association - American Chamber

of Commerce in Türkiye). He remains committed to advancing Türkiye’s energy sector and international collaborations.

Key topics:

- Development of nuclear energy in Turkey: goals and prospects

- International cooperation in renewable and nuclear energy sectors

- Experience in localizing production of energy industry components

- Strategic partnerships for a sustainable energy future

Key words:

Renewable energy, international cooperation, production localization, energy industry, innovation, strategic partnerships, sustainable development

**Rafael Chesori**

President at African Young Generation in Nuclear

Raphael works as a Tutorial Fellow at the Jomo Kenyatta University of Agriculture & Technology (JKUAT) and he is part of the faculty promoting radioisotopes in medicine and Radiation Therapy Technologies (RTTs). In 2018, he was awarded IAEA Ph.D. Fellowship at the Institute of Nuclear Chemistry and Technology, Warsaw, Poland. He studied M.Sc. in Nuclear Science and B.Sc. in Industrial Chemistry from the University of Nairobi.

He is an alumnus of the World Nuclear University Summer Institute (2011), Oxford UK and the ICTP- IAEA School of Nuclear Knowledge Management (2010), Trieste Italy.

He currently volunteers as youth leader in the young generation networks (YGNs) at the national, regional and international level. He is the outgoing president for Kenyan YGN; the President, African Young Generation in Nuclear and also the Vice President for the International Youth Nuclear Congress (IYNC). He has represented YGNs in various forums both locally and internationally. He has been very instrumental in the expansion of YGNs network across the African continent and globally.

Key topics:

Development of nuclear technologies in Africa, youth leadership, talent pool, eco-education, sustainable development

- Engaging Youth in the Nuclear Industry

- Building a Positive Image of Nuclear Energy

Keywords:

Nuclear energy in Africa, youth leadership, human resources, environmental education, sustainable development.

**Ignacio Martín Villarroya**

Member of Impact Team 2050, International Youth Advisory Council to Rosatom Director General

Organizer, Jovenes por el Clima

Ignacio is a natural resources engineering student at National University of Cuyo, Mendoza, Argentina. Currently Ignacio organizes Jovenes por el Clima, a youthled climate movement in Argentina, where he advocates for a just energy transition where workers and countries of the Global South are not left behind. Ignacio takes an active stance locally and internationally. He leads the local government’s Youth and Climate Commission and promotes youth green energy employment. A number of his projects were created together with CNEA (Argentinian Atomic Energy Commission). In 2021, Ignacio was chosen as an Argentinian Delegate for the United Nations’ PreCOP26 Youth Summit known as ‘Youth4Climate: Youth Driving Ambition’ in Milan, Italy.

Key topics:

- Nuclear Energy as Part of the Climate Agenda

- Interaction Between Youth and Energy Policy

- Development of Nuclear Energy in Latin America

Keywords:

Sustainable development, youth movement, nuclear energy in Latin America, energy transition

**Marwa Ibrahim**

Lead Specialist, Rosatom ASE Branch in Egypt, Leader, Egyptian Young Generation in Nuclear

Engineer Marwa Ibrahim is a distinguished nuclear engineer, the Leader of EYGN, and the International Relations Officer of El Dabaa Youth Community. She currently serves as the Lead Specialist at Rosatom ASE Branch in Egypt.

She holds a Bachelor’s and Master of Science in Nuclear and Radiation Engineering from Alexandria University, Faculty of Engineering. Additionally, she earned the First Level Specializing Master in "Nuclear Safeguards" at Politecnico di Milano, organized in collaboration with the European Nuclear Education Network (ENEN) and the European Joint Research Center (EU JRC). She was among the top five students in the program’s inaugural cohort.

With over 10 years of experience in radiation detection techniques, radiation safety, and nuclear security, her primary research interest lies in the synthesis and characterization of nanomaterials for nuclear applications.

Marwa is a Certified Nuclear Security Professional (CNSP) from the World Institute for Nuclear Security (WINS) and a Radiation Safety Officer (RSO) licensed by the Egyptian Nuclear and Radiological Regulatory Authority (ENRRA).

Beyond her technical expertise, she has more than 10 years of NGO experience, including leadership roles and memberships in WINS, African Young Generation in Nuclear (AYGN), WiN Global, and WiN Italy.

Key topics:

-The role of youth in the nuclear industry: initiatives and challenges

- International collaboration in nuclear safety and knowledge exchange

- Development and application of nanomaterials in nuclear energy

- The importance of certification and standards in ensuring nuclear safety

- Innovative radiation detection methods and safety assurance

Keywords:

nuclear engineering, nuclear safety, nanomaterials, youth community, international collaboration

**Soumojit Mukherjee**

Chief Expert of the BRICS Youth Energy Agency (YEA) Group of Young Experts on Nuclear Energy and Technology

He led the development of the nuclear section of the BRICS Youth Energy Outlook 2024.

He is a postgraduate student at the National Research Nuclear University MEPhI (NRNU MEPhI).

Russian Nuclear Education Ambassador.

Key topics:

- Promising Nuclear Technologies for BRICS Countries

- Engaging Youth in Nuclear Energy

- Non-Energy Applications of Nuclear Technologies

Keywords

BRICS, nuclear technologies, international cooperation, education, medical and agricultural applications of nuclear energy.