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The Career in Medical Physics – Profession and Vocation

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The purpose is to present the career development in medical physics in sense of motto of conference: Women in Nuclear Meet Atoms for Peace.

All of us have someone, who has treated for cancer at some moment in his life. Only one knows that between most visible healthcare staff in radiotherapy (clinicians, nurses and radiographers) have medical physicists. The main objective of duties of medical physicists is to ensure, that the equipment and processes using in treatment planning and delivery will produce the desire dose distribution in the patients with acceptable accuracy. I have studied physics in the University as a favorite subject. The key moment to find medical physics as my profession was training sessions on dosimetry conducted in Radiotherapy Department. The critical role and importance of the work doing by medical physicists have made a big impression on me. I have become a volunteer and later on I have received a position as a medical physicist in hospital. The training period as a fellow in IAEA Dosimetry Laboratory was important period, which gave me that close connection to people, that I need at that time and become a milestone in my carrier. I learned a lot and felt an enormous motivation to improve myself. Today I am familiar with most innovative radiotherapy techniques using for treatment of cancer and gratitude of patients make me more and more confident, that medical physics is not only my profession but and my vocation.

The motto of conference sound actually, when the most disputable problem is: “It’s crucial to get more women in nuclear science, because the gender gap persists”. The efforts of IAEA Director General Yukiya Amano to create gender balance should be highly appreciated: “As Director General, I will do my best during my tenure to improve this situation”.

Country or International Organization

Bulgaria

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