

Dr Khrystyna Ivaniuk

(Lviv Polytechnic National University; Національний університет „Львівська політехніка”)

The seminar presented by Dr. Ivaniuk Kh. is about organic and hybrid electronics. Basic devices such as OLED, QLED, OPV, Photodetectors, TFT and Dye lasers will be reviewed. Basic principles of construction and operation, materials and manufacturing technologies of these devices will be considered. The main parameters of each type of organic electronics device will be presented. In addition, examples of implementation of newly synthesized compounds in organic electronics devices are given.

