

## CURRICULUM VITAE



**Kryvonosov Yevgenii**

### **Affiliation and official address:**

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### **Education (degrees, dates, universities)**

1972 – Kharkov Polytechnic Institute, USSR (process engineer)  
1989 – Cand. Sc. (Ph.D) Research and Production Association “Monocrystal-reagent” (Solid state physics), Kharkov, USSR  
1997 – Diploma of Senior Research Scientist (Solid state physics), Institute for Single Crystals NASU, Kharkov, Ukraine  
2013 – Dr. Sc. Institute for Single Crystals NASU, Kharkiv, Ukraine (Materials Science)

### **Career/Employment (employers, positions and dates)**

1972-1974	Engineer	Institute for Single Crystals NASU, Kharkov, USSR
1974-1975	Constructor	Institute for Single Crystals NASU, Kharkov, USSR
1975-1980	Senior engineer	Institute for Single Crystals NASU, Kharkov, USSR
1980-1986	Junior Research Scientist	Institute for Single Crystals NASU, Kharkov, USSR
1986-1990	Research Scientist	Institute for Single Crystals NASU, Kharkov, USSR
1990-2013	Senior Research Scientist	Institute for Single Crystals NASU, Kharkov, Ukraine
2013-2014	Acting Lead Researcher	Institute for Single Crystals NASU, Kharkiv, Ukraine
2017 – date	Senior Research Scientist	Institute for Single Crystals NASU, Kharkiv, Ukraine

### **Main field of activity and current research interest**

Crystal growth from melts; Physical properties of oxide-optical materials; Defects in crystals, Development and investigation of technology crystallization and annealing of optical corundum monocrystals for laser and optoelectronic technique; study of optical and structural properties of crystals.

### **Honors, Awards, Fellowships, Membership of Professional Societies**

State Prize of Ukraine in Science and Technology (2008).

### **Publications and patents**

1- Chapter in book, 59 original articles, 20 patents;  
Scopus *h*-index: 2

**Selected recent publications:**

- (1) **Ye.V. Kryvonosov**, L.A. Lytvynov, *Analysis of dynamic parameters of the KY-crystallization process*, Functional Materials, 2017, Vol. 24 (1), P. 138-142, [DOI:10.15407/fm24.01.138](https://doi.org/10.15407/fm24.01.138).
- (2) **Ye.V. Kryvonosov**, L.A. Lytvynov, *Chemical potential of gaseous medium for corundum single crystals growth*, Functional Materials, 2018, Vol. 25 (3), P. 586-593, [DOI:10.15407/fm25.03.586](https://doi.org/10.15407/fm25.03.586).