

## **OLGA MAKAROVA**

**Creatv MicroTech, Inc.**

**Address 2242 West Harrison Street,  
Chicago, IL 60612**

**Phone: 240-441-3711**

**Email: [olga@creatvmicrotech.com](mailto:olga@creatvmicrotech.com)**



### **Current Position**

- 2000-present, Research Scientist, Senior Research Scientist, Creatv MicroTech, Inc.

### **Background**

- 1999-2000, Assistant Chemist, Chemistry Division, Argonne National Laboratory.
- 1997-1999, Postdoctoral Appointment, University of Chicago.
- 1979-1995, Postgraduate Student, Junior Scientist, Scientist, Boreskov Institute of Catalysis of Russian Academy of Science.
- 1995 PhD in Chemistry, Boreskov Institute of Catalysis of Russian Academy of Science.
- 1979 MS in Chemistry, Novosibirsk State University.

### **Honors**

- 2006, R & D 100 Award for Anti-scatter Grids for X-ray Imaging and Collimators for Nuclear Imaging made by LIGA.
- 2006, Micro/Nano 25–Technologies of Tomorrow selected by the editors of Micro/Nano Newsletter and R&D Magazine.

### **Relevant Professional Activities**

- 2014 -present, CNM Proposal Evaluation Board reviewer for CNM proposals

### **Goals**

I have been a CNM user since 2000 working in the field of micro- and nanofabrication using X-ray, UV, and interference lithography. My work is devoted to development and optimization of LIGA (lithography and electroplating) process for fabrication of wafer-scale microstructures of various design. I was instrumental in developing the technology that received an R&D 100 Award for “Anti-scatter Grids for X-ray Imaging and Collimators for Nuclear Imaging Made by LIGA” in collaboration with Argonne National Laboratory. I have successfully collaborated with other researchers and produced peer-reviewed publications from each of my projects.

My goals as a User Executive Committee member are 1) bringing user concerns to management, 2) providing advice on CNM microfabrication capabilities, and 3) helping with organization of the users' meeting.