2018 19th International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices (EDM 2018)

Erlagol (Altai Republic), Russia
29 June – 3 July 2018

IEEE Catalog Number: CFP18500-POD
ISBN: 978-1-5386-5022-6

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP18500-POD
ISBN (Print-On-Demand):	978-1-5386-5022-6
ISBN (Online):	978-1-5386-5021-9
ISSN:	2325-4173

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

Section I. Semiconductor Physics and Technology. Photovoltaics
Section Chair: **Viktor A. Gridchin**

Section II. Radio- and Microwave Technology. Computer Science and Telecommunications
Section Chair: **Svetlana V. Vorobiova**

Section III. Sonic and Ultrasonic Devices: Physics, Electronics, Application
Section Chair: **Vladimir N. Khmelev**

Section IV. Optoelectronic Devices and Systems: Physics, Electronics, Application
Section Chair: **Eugene V. Sypin**

Section V. Power Electronics and Power Engineering
Section Chair: **Gennady S. Zinoviev**

Section VI. Medical Electronics
Section Chair: **Vladimir K. Makukha**

Section VII. Robotics, Mechatronics and Automation
Section Chair: **Oleg V. Nos**