

## Plenary and Invited Talks.

### **Prof. Garik Markarian**

*Lancaster University, UK*

“From Quality of Service to Quality of Life: How Advances in Wireless Technologies Found Their Way in Modern Healthcare”

### **Prof. Shunri Oda**

*Tokyo Institute of Technology, Japan*

“Silicon quantum dots for future electronics and photonics”

### **Prof. Andrea Melloni**

*Dip. di Elettronica, Informazione e Bioingegneria, Politecnico di Milano, Italy*

“Control and Calibration of Photonics Integrated Circuits”

### **Prof. Kiejun Lee**

*Sogang University, South Korea*

“Microwave and Joule heating visualization by thermo-elastic sensor for carbon fibers composite material”

### **Prof. Alexei O. Orlov**

*University of Notre Dame, USA*

"Nanothermocouples for infrared and terahertz applications"

### **Prof Wolfgang Porod**

*University of Notre Dame, USA*

“Nanomagnetic Logic at the Alternative electronics”

### **Dr. Sergey Vainshtein**

*University of Oulu, Finland*

“From miniature, low-power-consumption sub-THz emitter based on collapsing domain phenomenon to mm-wave pulsed radars and transmission/reflection imagers with sub-ps time-of-flight precision.”