

SITEX 45 TEAM



SHORT PROFILE



Phd Dumitru ulieru has MSc / Electrical Engineering 1971 and PhD Microelectronics 1997. He was with Microelectronica Bucharest as Senior Researcher / Technical Manager. Since 2003 is R&D Director of SITEX Bucharest. With more than 35 years of experience in semiconductors and micro / optoelectronic components fabrication, micro / nanotechnologies and unconventional technology applications for Microsystems like MEMS / MOEMS, sensors and actuators, front and back-end technologies, micro-contamination control and environmental monitoring. Has over 120 papers presented at specialised conferences, workshops and symposiums. Member of Nanomedicine, 4M Assoc, AMA, EuMA Assoc and SEMI Standard Committees.

OUR COMPANY

Deeply involved since 1992 in following activities:

- * R&D prototyping and manufacturing of microelectronics and optoelectronics devices, sensors and nanosensors arrays, actuators and transducers, microsystems as MEMS & MOEMS for Chemical and environmental monitoring, acoustic, optical and biomedical sensors.
 - * R&D of micro & nanotechnologies applications for new materials processing and development of innovative products by unconventional technologies applications.
 - * Design and engineering, prototyping and microproduction for sensors and micro/nano-systems MST/NST by new materials applications including nanostructured as biocompatible and multifunctional thin films.
 - * MEMS/MOEMS and sensors packaging technologies and applications.
 - * Smart systems integration applications, including Wireless System Networks WSN for custom or semicustom projects.
 - * RFID's and systems being main supplier of Romanian market with RFID products, cards and smart tags.
- Company expertise relevant to nanotechnologies/nanoscience application fields



**Industrial SME with R&D activity, industry oriented.
Located on MINATEC-RO - Scientific and Technological Park.
Bucharest.**

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