

## PERSONAL INFORMATION

**Adrian Dinescu** 126A, Erou Iancu Nicolae str., Voluntari, Ilfov, 077190, Romania  +40 adrian.dinescu@imt.ro

Sex M | Date of birth 20/08/1968 | Nationality Romanian

## WORK EXPERIENCE

Dates	1997-2023
Occupation/Position held	Senior scientific researcher Laboratory Head – Nano-scale structuring and Characterization Laboratory: 2000-2012 Technical Director: 2012-2017 General Director: starting 2017
Employer's name	<b>National Institute for Research and Development in Microtechnologies – IMT Bucharest</b>
Main activities	Optoelectronic devices - fabrication and measurements, micro and nano-fabrication processes, nanoelectronic devices on 2D materials, physical vapour deposition, scanning electron microscopy and electron beam lithography.
Dates	2012-2023
Occupation/Position held	Associate Professor
Employer's name	<b>University Politehnica of Bucharest, Faculty of Electronics</b>
Main activities	Courses on microfabrication processes and characterization techniques used in semiconductor technology
Dates	1993-1997
Occupation/Position held	Scientific researcher
Employer's name	<b>Institute for Research of Electronic Components – ICCE</b>
Main activities	Optoelectronic devices- fabrication and measurements.

## EDUCATION AND TRAINING

Dates	2006 – 2010
Qualification	PhD
Training organization	<b>Faculty of Physics, University of Bucharest</b>
Principal subject covered	Nano-scale structuring using Electron Beam Lithography
Dates	1987-1993
Qualification	BSc
Training organization	<b>Faculty of Physics, University of Bucharest</b>
Principal subject covered	Solid State Physics, Semiconductors

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 ADDITIONAL INFORMATION

Scopus Author ID 24485336900 (<https://www.scopus.com/authid/detail.uri?authorId=24485336900>)  
 H-index 21  
 ResearcherID H-9737-2014 (<https://www.webofscience.com/wos/author/record/1445541>)  
 Google Scholar <https://scholar.google.com/citations?user=GJM-VvUAAA&hl=en&oi=ao>  
 H-index 26  
 ORCID <https://orcid.org/0000-0002-6216-2035>

- Selected Projects
1. FP7 - STREP, *Carbon nAnotube Technology for High-speed nExt-geneRation nano-InterconNEcts CATHERINE* -01.2008-12.2010
  2. M-ERA.NET, *Transnational Call 2014, High photoconductive oxide films functionalized with GeSi nanoparticles at surface for environmental applications” - PhotoNanoP*, 2016-2018,
  3. JOINT RESEARCH PROJECT Romania –Bulgaria, *Nanostructured and amorphous semiconductor films for sensors application*, 2013-2015
  4. EEA-RO-NO-2018, *Elastomeric tuneable metasurfaces for efficient spectroscopic sensors for plastic detection – ELASTOMETA*, 2019-2023
  5. H2020-FETOPEN, *Spin Wave Computing for Ultimately-Scaled Hybrid Low-Power Electronics*, CHIRON, 2018-2021
  6. H2020-FETPROACT, RIA, *Nanomaterials enabling smart energy harvesting for next generation Internet of Things” - NANO-EH*, 2020-2023
  7. H2020 ICT, *NANO components for electronic SMART wireless systems – NANOSMART*, - 2018-2021
  8. H2020, FET OPEN, *Integrated Qubits Towards Future High-Temperature Silicon Quantum Computing Hardware Technologies – IQubits*, 2019-2023
  9. Horizon Europe, RIA, *Computation Systems Based on Hybrid Spin-wave–CMOS Integrated Architectures - SPIDER*, 2022-2026
  10. Horizon Europe, RIA, *Heterogeneous material and technological platform for a new domain of power nanoelectronics – NANOMAT*, 2022-2025
  11. Horizon Europe, EDF-RA, *European Innovative GaN Advanced Microwave Integration - AGAMI-EURIGAMI*, 2022-2026
  12. Horizon Europe, EDF, *Smart, Heterogeneous Technological Platform extending the power and frequency limits of flexible nanoelectronics – POWERFLEX*, 2022-2025
  13. Horizon Europe, EDF, *Novel 3D heterogeneous integration for future miniaturized power RF Transceiver front ends - POWERPACK*, 2022-2025