

# Technology - Innovation Manager



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## Professional Experience

### In Innovation Management & Research

**2020 - Today: Business Developer & Innovation Manager – SMARTEC/FORTH:** Industrial Pilot Line for Monolithic Microwave ICs.

**2018 - 2020: Manager of Patent Library of Heraklion:** patent information, transfer & diffusion of technological information services.

**2017: Internship as Business Developer – ProtAtOnce:** Develop strategies for new market opportunities in proteomics, drug & biomarker discovery through “Nanotechnology – ELISA” IP-Landscape mapping.

**2015: Researcher – MRG’s Principal Investigator:** of the “nanoHydrogen” project, budget 400K€, program “Excellence-II, at “Microelectronics Research Group (MRG)/IESL/FORTH, Greece. Development of a GaN-based water photocatalytic technology for fuel cell hydrogen production.

**2012-2014: Researcher-Engineer:** ERC “TeraGaN” project, INAC/CEA-Grenoble. Study, fabrication & characterization of IR-detectors based on GaN/AlGaIn Quantum Cascade Detectors (QCDs).

**2012: Researcher-Engineer:** Proposal writing in group of the “Mercure” projet, ENIAC Call2, individual proposal writing & submission of the “nanoHydrogen” proposition, MRG/IESL/FORTH.

**2011: Engineer:** Internship - Quantity Surveying Dpt., “Domiki Kritis SA”, public works & construction company, Crete, Greece. Project management in public & private works construction.

**2006-2010: Doctoral Researcher:** Research on “Strong light-matter interaction in GaN microcavities”, for the fabrication & optical characterization of polariton-LEDs, MRG/IESL/FORTH.

**2004-2005: Researcher:** Research on organic microcavities fabrication for novel light sources (polariton-LEDs), MRG/IESL/FORTH.

**2002: Quality Control Assistant:** R&D and Quality Control-ISO 9000 Dpt., “Plastika Kritis SA”, polymer industry, Grèce.

### In Teaching

**2019-Today: Visiting Lecturer:** Dpt. of Materials Science & Technology, University of Crete. Teaching three courses on “Innovation, Entrepreneurship & Intellectual Property”.

**2011-2012: Visiting Lecturer:** Dpt. of Materials Science & Technology, University of Crete. Course “Properties of Materials”.

**2011: Teaching Assistant:** Dpt. of Electrical Engineering, Technological Educational Institute of Crete. Course “Control Instruments - LabView”.

**2004-2005: Teaching Assistant:** Dpt. of Materials Science & Technology, University of Crete. Course “Experimental Physics”.

## Education

**2012 – BEng in Civil Engineering:** Dpt. of Civil Engineering, Technological Educational Institute of Crete. Thesis: "Design & load study on steel frames for photovoltaic panels on building tops".

**2011 – PhD in Materials Science & Technology:** Dpt. of Materials Science & Technology, University of Crete.

**2003 – MSc in Physics of Materials:** Dpt. of Physics, Aristotle University of Thessaloniki. Specialization: Advanced Materials & Applications.

**2001 – BSc in Physics:** Dpt. of Physics, Aristotle University of Thessaloniki. Thesis: "Quality Control Systems - ISO 9000".

## Competences

### Technology:

**Fabrication-Cleanroom:** GaN-Tech Cleanroom Processing Expert.

**Characterization:** Reflectivity, Transmission, IR-Spectroscopy,  $\mu$ -PL, Pump-probe, SEM & EDX AFM, Electrochemical CV profiling, Responsivity.

**Computer Skills:** Mathematica, Igor, V. Basic, LabView, CleWin, AutoCAD, Inventor, ArchiCAD, MS Project, SPSS, R, GPI, PATSTAT (for patent search).

### Management & Communication:

**Fund Raising - Proposal Writing:** 1) Fast Track to Innovation (FTI) – H2020 project “SMARTEC”, 2) Aristeia-II, project “nanoHydrogen”.

**Project Management:** project “Mercure”, programme ENIAC Call2, Europ. Commission.

**Official Report Drafting: European Projects:** 1) ERC Starting Grants: “TeraGaN” & “Polaflow”, 2) ENIAC Call2 “Mercure”, 3) ITN projects CLERMONT4 & ICARUS. *National Projects:* 1) Aristeia-III “nanoHydrogen”, 2) PENED-2003 “Polariton macrocavities”, 3) Herakleitos-II “Organic Microcavities”, 4) Aristeia-I “Apollo”, 5) Thales “Nanophos”.

**Civil Works Project Management:** road, dam, port, building wind, solar park, sewerage & pipeline construction

**HR Management:** 1) Research Group Leader at MRG (2015), 2) Greek Army Sergeant (2004).

### Languages

**English:** Professional Proficiency

**French:** Minimum Professional Proficiency

**Greek:** Native Language

## Innovation & IP Training

**2018: Master in Business Economics - Technology & Innovation Management (MBE-TIME):** joint program, University of Crete - Wageningen University - University of Cyprus.

**2008 – Seminar** on: IPRs, Business Plan drafting, (Science & Technology Park of Crete - 240 hrs).

### EPO Patent & Tech Transfer Training

**A.** Fundamentals of Tech Transfer, ASTP, 2020

**B.** From Idea to Commercialisation – *IP for Business* - training roadshow, Oslo, September 2019.

**C.** EPO-PatLib 2018 & 2019: Patent Library Summits.

**D.** Exploiting IP at Universities, EPO Conference, Athens, October 2018.

**E.** Sophisticated Patent Searches & Informative Searches Reports, EPO-Vienna, September 2018.