CURRICULUM VITAE

Name : Stavgianoudakis Ioannis
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Date of birth : 04/07/1968

EDUCATION

- **1995**: Degree in chemistry, University of Crete. Graduation grade 6.11.

PROFESSIONAL EXPERIENCE

- **June 1999 – April 2008:** Fixed-term contract, as technical manager of the mechanical construction laboratory in the Department of Neurology & Sensory Organs (VEMMO) of the Medical School of Health Sciences of the University of Crete.
- (Design, development and construction of ophthalmological systems and applications, research and clinical trials. Design and construction of mechanical parts, industrial production, within the framework of a cooperation program between the University of Crete and domestic industry.)

- **2002 - 2008 :** (Private company). Design and manufacture of electromechanical products for the domestic industry.
- **2007 –** 2008 : (Private company). Design of 3D models of surface vessels for the Greek shipbuilding industry.

- **April 2008 – Present:** Employee of the Medical School of the University of Crete, technical manager of the mechanical construction laboratory in the Department of Neurology & Sensory Organs (VEMMO).
- Support for the postgraduate program " Optics and Vision", with development, design and construction of prototypes experimental setups, systems and devices, conducting tests and analysis of experimental data results.
- Support of clinical units (VEMMO-PAGNI) in matters of ophthalmological device technology and research protocols.

- **2018 – 2022:** Participation in the ELKE program 10066 (Peripheral capsule reconstructor), with the aim of manufacturing a device for the reconstruction of the peripheral capsule.

- **20023 – Present:** Participation in the ELKE program 11465 (Femtosecond laser intrastromal Refractive Modulators), aimed at the development and analysis of materials and a model for application to human eyes for the correction of refractive errors.

FOREIGN LANGUAGES

- **English:** Very good knowledge.

SCIENTIFIC INTERESTS

- Optical systems for medical applications.
- Digital control of multi-axis systems.
- Composite materials.
- Machining.

COGNITIVE OBJECTS

- Operation of conventional and computer numerical control machine tools.
- Industrial design using conventional and digital media.
- Very good knowledge of CAD, Cam, 3D Modeling, CNC.
- Very good knowledge of mechanical engineering theory and manufacturing of mechanical devices.