

Curriculum Vitae

THEOFANIS G. SMANIS



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Date of Birth: 3/6/1968 / Nationality: Greek
Marital status: Married , 2 children / Military Obligations: Completed August 1993
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EDUCATION

- 2022 **Scientific Responsible** of SRS(solar radio spectrograph) ARTEMIS-IV/J.L.Steinberg
- 2021 **Member of the HERON LAB**
(High frEquencies, metamateRials and nONlinear waves LABoratory)
University of Thessaly, School of Science, Department of Physics
- 2020 **PhD Candidate in Astrophysics** ,
University of Thessaly, School of Science, Department of Physics, with Thesis:
Creation and dynamic evolution of non-thermal electron populations in the solar
corona.Application in the study of radio flares from observations of the solar
radio spectrograph ARTEMIS-IV /Jean Louis STEINBERG.
- 2017 **MSc in Computer Science and Computational Biomedicine** ,
with Thesis:Software development for data import and image processing of the
ARTEMIS-IV J.L.STEINBERG solar spectrometer
University of Thessaly , Lamia , Greece
- 2012 **Graduation certificate , Astronomy school** ,
Association of Astronomy and Space , Volos , Greece
- 1994 **Graduation certificate , Reserve Officer**
Academy of Greek Army Reserve Officers , Athens , Greece
- 1991 **BSc in Physics** , School of Science , Physics
Department, University of Ioannina , Ioannina , Greece
- 1986 Graduation certificate , Unified Lyceum,
Lamia , Greece

PROFESSIONAL EXPERIENCE

- 2012 - present **Chairman** of the Association of amateur Astronomers of Fthiotida in Greece ,
Director and operator of the Hypati Observatory telescope and planetarium.
The "Kakogianneio" Observatory - Planetarium and School of Astronomy ,
is located at Hypati-Fthiotis-Greece and has been equipped , during my
presidency ,
with a 17" inch mirror-dioptic Planewave CDK telescope with a cooling CCD
camera for deep field observations and scientific measurements together
with a cooling
ASI1600MM_MC camera for planetary observations and a solar telescope
LUNT
LS80THA/B1200FTPT and a ZWO ASI 178MM camera for solar observation.
Also a SharpVision dome projection system is performing the Starry Night 7,
Professional Astronomy Telescope Control Software for Mac/PC at a 9m
diameter dome ,at the same time with the other facilities that we have ,
allowing us to gratify the almost 10000 visitors that we have every year ,
students and citizens from all over Greece.
- 2020 –Today **Auxiliary teaching project**, as a scholarship of the Department of Physics of
the Faculty of Science of the University of Thessaly, in the subjects:
• General Physics II,
• Electromagnetism II,
• Astrophysics Laboratories
- 2017 – present **Member of the Dean's Office**, School of Sciences, University of Thessaly
Representative of Postgraduate Students and Doctoral Candidate

PROFESSIONAL EXPERIENCE

- 1993 - present Private Lessons to students of high school , lyceum, college , University .
- Subjects:
- Physics
 - Chemistry
 - Medical Physics
 - Mathematics
- 1993 - present Professor (teacher) of physics and chemistry in public high schools , lyceums , private schools and other education units in Greece.
(confirmations available upon request)
- 1993 - present Member of the Greek Physicists Union since 1993
Secretary at the Eastern Central Greece Branch , since 2014
- 1993 - 1994 Professor of physics at the School of Permanent Officers , Trikala ,Greece

LANGUAGES

Greek: native language
English: very good user
(level B2 - First Certificate in English, Cambridge University, 1984)
German: Novice knowledge - Started October 2010

COMPUTER SKILLS

Ms Windows (95 to 10)
Ms Office (Word, Power Point, Excell , Outlook , etc.) ,
Programming languages such as Basic , Cobol , Pascal,
FORTRAN , C , Matlab , Python , Perl , etc.
Image processing with Corel PHOTO-PAINT, CorelDRAW,
CorelTRACE, Corel Capture, Fire Capture , AutoStakkert ,
Nebulosity etc.

DISTINCTIONS & ENGAGEMENTS

- Certificates of excellence during the attendance at the High School and the Lyceum
- Many participations in conferences and workshops about physics and science in general , as a speaker and as a participant
- Many lectures about astronomy and astrophysics at the amphitheater of "Kakogiannio Asterosxoleio Ypatis" and the auditorium of the planetarium system. Member since 2007
- Member of the Blood donation club of the Hospital of Lamia ,Greece
- Member of the Cultural, scientific and philosophical group "300" which operates in Lamia , with many followers and domestic activities.