ARISTOTLE UNIVERSITY OF THESSALONIKI

Faculty of Science – School of Physics

Postgraduate Programme

Electronics and Telecommunications – Radioelectrology

Study Guide

for the academic year 2026-2027

Thessaloniki 2026

Contents

Contents 2
1. Introduction - General Information 3
1.1. New curriculum and prospects 3
1.2. Useful information 4
2. Subject Matter and Purpose of the Postgraduate Programme 6
3. Academic calendar 7
4. Study programme 9
5. Infrastructure 13
6. Services 14
7. Administration and Teaching Staff 16
7.1. Administration of the Postgraduate Programme 16
7.2. Administrative Support for the Postgraduate Programme 17
7.3. Postgraduate Programme Teaching Staff 18
8. Contact details 20
8.1. Teaching staff 20
8.2. Secretariat 21
8.3. Contact and information 21

1. Introduction - General Information

1.1. New curriculum and prospects

The **Postgraduate Programme (P.M.S.) "Electronics and Telecommunications - Radioelectrology (ET-RE)**" is a re-establishment of the existing P.M.S. "Electronics Physics (Radioelectrology)", which has been operating since 1965 and is the first postgraduate programme to operate at the Aristotle University of Thessaloniki.

The new reformed programme of studies, which will operate from September 2026

- responds to current trends in electronic technology and the emerging employment conditions of its specialised graduates and
- is based on the need to complement education with practical application and the development of cooperation with industry on the basis of common goals and requirements.

The MSc programme in Electronic Physics (Radioelectronics) began as a one-year organised programme of study in 1965. in 1970 the programme became a two-year programme, and in 1993, following a new reform, it was divided into the fields of Telecommunications and Electronics.

During its 60 years of operation, more than 900 Electronic Physicists (Radioelectronics Engineers) have graduated, who have filled positions in telecommunications and electronics companies in the public and private sectors, as well as positions in research and educational institutions at all levels of education. In previous decades, the main area of employment for graduates of the MSc programme was services and technical companies in the wider public sector (Civil Aviation Authority, OTE, PPC, secondary education), while in the last fifteen years our graduates have been mainly employed in technological positions in the private sector, both in Greece and abroad. The demand for specialised executives in electronic and telecommunications devices remains consistently high, resulting in graduates finding employment within a short period of time and, in many cases, immediately after obtaining their Master's Degree (M.Sc.).

Based on this fact, it was decided that the subject matter of the programme of study would continue to be developed in two specialisations:

- Telecommunications and
- Electronics

The main feature of the new curriculum is the updating of the content of the core and specialisation courses, as well as the introduction of new courses of high interest in subjects taught internationally in corresponding postgraduate programmes. Specifically, the following courses are introduced:

- Computer and Data Communication Networks
- Wireless Communications Laboratory
- Wireless Communications
- Optical Communications

- Machine Learning Applications

It is clear that the economic and technological development of the country depends largely on the development of communications and electronics systems, as well as information processing and transmission services. In today's highly competitive environment, graduates of the MSc in Electronics and Telecommunications (Radio Engineering) (ET-RE) have a clear advantage. The high quality and specialisation of the studies offered are the reasons why our graduates continue to be highly sought after in the job market. It is characteristic that the diploma of Electronic Physicist – Radioelectrical Engineer has never played the role of a mere additional qualification on the graduate's CV. On the contrary, it was the specialisation itself that provided and continues to provide employment, through the targeted knowledge and important skills it offers its graduates.

It should be noted that the Master's Degree (M.Sc.) awarded by the P.M.S. is recognised by the Ministry of Digital Governance and is considered a prerequisite for obtaining a Radio Electrician A professional licence. Furthermore, the M.Sc. is a prerequisite for the drafting and signing of radio antenna studies for the competent authorities (Government Gazette 13/A/03-02-2006).

1.2. Useful information

The number of students admitted to the Postgraduate Programme in "Electronics and Telecommunications (Radioelectrology)" per year is set at a maximum of 20 postgraduate students. Candidates must hold a first-cycle degree from a Greek or foreign university department or school, with a programme of study relevant to the subject of the MSc programme, as specified in the Government Gazette on the operation of the MSc programme and/or in more detail in the annual call for applications for admission to the MSc programme.

The duration of study for the award of the degree is four (4) semesters. There are no tuition or registration fees for studying in the Postgraduate Programme in "Electronics and Telecommunications (Radioelectrology)".

All activities are publicised through all available academic means, e.g. through the websites of the Department of Physics and the Postgraduate Programme, announcements and information notes sent to partners, graduates and active students, via the scientific social networks and the media.

The goal of strengthening cooperation with productive and research entities at local and national level is achieved through educational visits, informative lectures, diploma theses on topics of common interest, and the opportunity to undertake internship.

The MSc programme website https://elecom2024.physics.auth.gr/ is bilingual (GR/EN) and contains useful information on the procedures followed both during admission and during the course of study.

The website features a detailed course programme with descriptions, lecturers, contact details and links to Quality Assurance Unit (MODIP) and the e-learning service, where

lecturers post educational material and use it as a channel of communication with students (email, announcements).

The activities of the MSc programme are announced on the MSc website and on social media. In addition, lecturers and students are informed about activities via email.

A graduate communication file is maintained in order to keep graduates informed about seminars and events.

The regulations are posted on the MSc website

- Internal regulations of the MSc programme
- Study regulations
- Internship regulations
- Regulations for the completion of postgraduate studies
- Regulations governing the operation of the student complaints and appeals mechanism
- Regulations governing the operation of the academic advisor institution
- Regulations governing research ethics at Aristotle University of Thessaloniki

2. Subject Matter and Purpose of the Postgraduate Programme

The **subject matter** of the Postgraduate Studies Programme Master's Degree Programme (P.S.P.) in "Electronics and Telecommunications (Radioelectrology)" includes education, specialisation and familiarisation with research methodology in the fields of Electronics and Telecommunications, utilising the infrastructure and expertise of the Department of Physics of the Aristotle University of Thessaloniki to provide organised postgraduate programmes in the field of Electronic Physics and its applications.

The aim of the P.S.P. programme is to produce high-level, specialised scientists with advanced skills who will be able to meet the demands of the modern labour market in areas such as:

- Analogue and Digital Circuits,
- Embedded Systems,
- Systems and techniques for electronic measurement and sensor systems
- Wireless Communications,
- Broadband Communications,
- Microwave Networks – Antenna Systems,
- Computer and Data Communication Networks,
- Internet of Things,
- Machine Learning Applications.
- Electromagnetic pollution from transmission systems through specialised measurements,
- Evaluation of electronic and telecommunications devices in terms of electromagnetic compatibility
- Development and use of specialized software for designing electronic circuits and telecommunications systems.

In addition, graduates acquire the ability to work, either independently or in teams, on research activities, in many cases within the framework of international research programmes, to seek new knowledge and keep up to date with the latest developments in science, to present and defend their work to third parties.

With the breadth of scientific knowledge provided in Electronics and Telecommunications and research methodology, graduates acquire the flexibility to adapt to new research fields related to their field of study.

3. Academic calendar

1. The academic year begins on 1 September each year and ends on 31 August of the following year.
2. The educational programme for each academic year is divided into two semesters. Each semester includes at least 13 full weeks of teaching.
3. The first semester begins in early October, and exams are held between January and February. The second semester begins in February, and examinations are held in June-July. The examination period lasts 2-3 weeks. Repeat examinations are held in September each year.
4. Apart from the two exam periods, classes are suspended
   - from Christmas Eve to the day after Epiphany,
   - on Clean Monday and the day after, and
   - from Holy Monday until Thomas Sunday.

   The summer holidays last from mid-July to the end of August.
5. There are no classes or exams on weekends and on the following holidays and anniversaries:
   - Saint Demetrius (26 October)
   - the national holiday of 28 October
   - the anniversary of the Polytechnic uprising (17 November)
   - Three Hierarchs (30 January)
   - Annunciation (25 March)
   - 1 May
   - the Holy Spirit
6. The periods for the presentation of Diploma Theses are as follows:
   - 1 February – 31 March
   - 1 June – 15 July
   - 1 September – 31 October

   Presentations are open to the public and announced on the MSc website.
7. The Internship (General Elective course) lasts three (3) calendar months and is set at 35-40 hours/week . It takes place at specific times and can start any month, the first month of commencement being February and the last month of commencement being July.
8. During the academic year, seminars and lectures (in person or via teleconference) are held on the following topics: Technical project management issues, guest lectures, presentations of master's theses and doctoral dissertations, research papers at selected conferences, topics such as soft skills related to the research process (literature search, writing reports, etc.). A "series of lectures on contact

with industry" has also been established in which graduate radio engineers present their work in Greece or abroad, provide information and advice on their field and inform students about internship and/or full-time employment opportunities in the companies where they work.

9. During the academic year, educational trips are organised to production entities related to Electronics and/or Telecommunications.
10. At the end of each semester and before the start of each examination period, students have the right and obligation to evaluate their courses and lecturers with the aim of improving the quality of their studies. Relevant information is available on the website of the Quality Assurance Unit (MODIP-AUTH http://qa.auth.gr/en) and on the department's website.

4. Study programme

The curriculum emphasises education, specialisation and familiarisation with research methodology in the fields of

- Electronics and
- Telecommunications

Postgraduate students choose their specialisation at the beginning of the second semester. The process of assigning students to the two specialisations is described in detail in the Study Regulations of the Postgraduate Programme.

The main language of instruction is Greek. The thesis can be written in Greek or English.

The total number of credits (ECTS) required to obtain a Master's Degree (M.Sc.) is 120.

Postgraduate students are required to attend all laboratory classes and at least 80% of the theoretical classes of the current programme of studies.

The courses offered are semester-long and are divided into the following categories:

a) Compulsory core courses (6 in total): ECTS=44,

b) Compulsory specialisation courses (5 in total): ECTS=36,

c) Core elective course (1): ECTS=5

d) General elective course (1): ECTS=5

e) Thesis: ECTS=30

   The thesis is research-based and contains original results. It is a single course divided into two semester parts and is graded with a (single) grade either in the winter or spring semester. The minimum duration of the thesis is one calendar semester (6 months) and includes an interim presentation of the preliminary work – bibliographic research, the writing of the thesis, and its public presentation and examination before a three-member examination committee. Students are encouraged to present their research work at international conferences or publish it in peer-reviewed international journals.

f) During their studies, students are required to attend 10 lectures on topics related to research in cutting-edge technologies in Electronics and Telecommunications (Topics in technical project management, guest lectures by experts from Greece and abroad, presentations of master's theses and doctoral dissertations , research papers at selected conferences, general topics such as bibliographic research, writing reports, etc.).

The Internship is a General Elective course and lasts three (3) calendar months (35-40 hours/week). The duration of the Internship may be extended to 6 months with compensation from the Host Organisation. It may begin any month, with the first month of commencement being February and the last month of commencement being July. It is carried out under the guidance of a supervisor from the Host Organisation and the supervision of a lecturer from the Study Programme. The Internship may also be carried out at Host Organisations abroad, provided that supervision of the educational process

is possible. All procedural issues relating to the Internship are set out in the Internship Regulations of the Postgraduate Programme, which are posted on the Postgraduate Programme website (https://elecom2024.physics.auth.gr/).

The curriculum for each specialisation is as follows:

Specialisation in Telecommunications

First semester (Total ECTS 30)					
Code	**No**	**Course Title**	**Course type (comp./ special. comp. /elective) (*)**	**Hours/ week**	**ECTS**
HTY101	1	Telecommunications Systems	Y	3	8
HTY102	2	Electronic Circuits	Y	3	8
HTY103	3	Signals and Systems	Y	2	6
HTY104	4	Software Programming & Applications Laboratory	Y	4	8
Second semester (Total ECTS 30)					
Code	**No**	**Course Title**	**Course type (comp./ special. comp. /elective) (*)**	**Hours/ week**	**ECTS**
HTY201	1	Digital Systems	Y	3	7
HTY202	2	Computer and Data Communication Networks	Y	3	7
HTT203	3	Telecommunications Laboratory	YE	4	7
HTT204	4	Antennas – Microwaves	YE	4	9
Third semester (Total ECTS 30)					
Code	**No**	**Course Title**	**Course type (comp./ special. comp. /elective) (*)**	**Hours/ week**	**ECTS**
HTT301	1	Wireless Communications Laboratory	YE	4	8
HTT302	2	Wireless Communications	YE	2	6
HTT303	3	Satellite Communications	YE	2	6
	4	Core Elective Course	BE		5
	5	Master's Thesis (Part 1)	DIP		5
4th semester (Total ECTS 30)					
Code	**No**	**Course Title**	**Course type (comp./ special. comp. /elective) (*)**	**Hours/ week**	**ECTS**
	1	General Elective Course	GE		5
	2	Master's Thesis (Part 2)	DIP		25

Core Elective Courses **(students choose one course)**					
Code	**No**	**Course Title**	**Course type (comp./ special. comp. /elective) (*)**	**Hours/ week**	**ECTS**
HTB307	1	Optical Communications	BE	3	5
HTB308	2	Sensors and Measurement Systems	BE	3	5
General Elective Courses **(students choose one course)**					
Code	**No**	**Course Title**	**Course type (comp./ special. comp. /elective) (*)**	**Hours/ week**	**ECTS**
HTE401	1	Internship	GE		5
HTE402	2	Introduction to Java programming language	GE	3	5
HTE403	3	Machine Learning Applications	GE	3	5
HTE404	4	Electromagnetic Compatibility of Electronic and Telecommunications Devices	GE	2	5

(*): Y: Compulsory, YE: Specialisation Compulsory, BE: Core Elective, GE: General Elective

Specialisation in Electronics

First semester (Total ECTS 30)					
Code	**No**	**Course Title**	**Course type (comp./ special. comp. /elective) (*)**	**Hours/ week**	**ECTS**
HTY101	1	Telecommunications Systems	Y	3	8
HTY102	2	Electronic Circuits	Y	3	8
HTY103	3	Signals and Systems	Y	2	6
HTY104	4	Software Programming & Applications Laboratory	Y	4	8
Second semester (Total ECTS 30)					
Code	**No**	**Course Title**	**Course type (comp./ special. comp. /elective) (*)**	**Hours/ week**	**ECTS**
HTY201	1	Digital Systems	Y	3	7
HTY202	2	Computer and Data Communication Networks	Y	3	7
HTH205	3	Electronic Circuits Laboratory	YE	4	7
HTH206	4	Integrated Circuit Design	YE	4	9
Third semester (Total ECTS 30)					
Code	**No**	**Course Title**	**Course type (comp./ special. comp. /elective) (*)**	**Hours/ week**	**ECTS**
HTH304	1	Digital Systems Laboratory	YE	4	8
HTH305	2	Analog Circuit Design	YE	2	6
HTH306	3	Embedded Systems	YE	2	6
	4	Core Elective Course	BE		5
	5	Master's Thesis (Part 1)	DIP		5
4th semester (Total ECTS 30)					
Code	**No**	**Course Title**	**Course type (comp./ special. comp. /elective) (*)**	**Hours/ week**	**ECTS**
	1	General Elective Course	GE		5
	2	Master's Thesis (Part 2)	DIP		25

Core Elective Courses **(students choose one course)**					
Code	**No**	**Course Title**	**Course type (comp./ special. comp. /elective) (*)**	**Hours/ week**	**ECTS**
HTB307	1	Optical Communications	BE	3	5
HTB308	2	Sensors and Measurement Systems	BE	3	5
General Elective Courses **(students choose one course)**					
Code	**No**	**Course Title**	**Course type (comp./ special. comp. /elective) (*)**	**Hours/ week**	**ECTS**
HTE401	1	Internship	GE		5
HTE402	2	Introduction to Java programming language	GE	3	5
HTE403	3	Machine Learning Applications	GE	3	5
HTE404	4	Electromagnetic Compatibility of Electronic and Telecommunications Devices	GE	2	5

(*): Y: Compulsory, YE: Specialisation Compulsory, BE: Core Elective, GE: General Elective

5. Infrastructure

The infrastructure available to the MSc programme is analysed in the following table.

Technical infrastructure of the P.S.P. in "Electronics and Telecommunications (Radioelectrology)"

Requirements	Infrastructure
Teaching spaces for theoretical courses	Two (2) classrooms with a capacity of 25 people (1st and 4th floor of the Faculty of Sciences building), suitably equipped with modern teaching aids
Teaching spaces for laboratory courses	Two (2) laboratory rooms and an open-air EM field measurement area (1st floor, basement and roof of the Faculty of Sciences building) including workstations for all students and the appropriate laboratory equipment for performing specialised laboratory exercises
Computing infrastructure	Computer lab (4th floor of the new Faculty of Sciences building) with modern computing equipment (computers equipped with special software, printers, internet connection, etc.) Software for the design and analysis of analog/digital integrated circuits (Europractice), microwave networks, antenna systems and networks.
Access to bibliographic sources	Extensive and up-to-date printed library in the School of Physics and a large catalogue of electronic sources, available through Heal-Link platform

The laboratory and computing infrastructure include a set of modern equipment for radio communications, electromagnetic compatibility, electronics, microcomputing systems, microelectronics and measurement systems. Students have access to this equipment for conducting experimental exercises and calculations as part of their laboratory courses, as well as for preparing their dissertations.

6. Services

Postgraduate students have all the rights, benefits and facilities provided for undergraduate students, except for the right to free textbooks. The School is required to provide facilities for postgraduate students with disabilities or special educational needs, e.g. special examination arrangements, access to teaching facilities, teaching laboratories, etc.

The entire regulatory framework and the rights and obligations of students are described in detail on the programme website https://elecom2024.physics.auth.gr/ and on the website of the School of Physics http://www.physics.auth.gr. They are also explained in detail during the information meetings held before the start and at the beginning of each academic semester. Specifically, on the main website of the MSc programme https://elecom2024.physics.auth.gr/ there is a "Links" section that includes useful information divided into three categories (Studies, Benefits, AUTH) on the opportunities available to students in each cycle of studies at AUTH, as follows:

Studies: General information about studying at Aristotle University of Thessaloniki, including the academic calendar, transport map, scholarships and the Erasmus+ programme (studies & internships).

- Academic Calendar
- AUTH Map
- European Credit Transfer System
- Department of European Educational Programmes
- Erasmus-Department of Physics, Aristotle University of Thessaloniki
- Internships
- Scholarships

Benefits: Information on student support in legal matters, health issues, catering options, sports, use of infrastructure (libraries, islands), career information, student associations

- Student Ombudsman
- Foreign Language Teaching Centre
- Modern Greek Language School
- Accommodation
- University Student Club
- Health Services
- University Gym
- University Camp in Kalandra
- Liaison Office
- Central Library
- E-Government Centre
- Student Unions

AUTH: General information about AUTH, its administrative bodies, university units (schools, departments) and undergraduate / postgraduate programmes.

- Facilities
- University Bodies
- Rector's Office

- Historical Overview
- Faculties & Schools
- Undergraduate Studies
- Postgraduate Studies
- International Issues

7. Administration and Teaching Staff

7.1. Administration of the Postgraduate Programme

The administrative bodies of the Postgraduate programme are

- The Assembly of the School of Physics
- The Coordinating Committee of the Postgraduate Programme and
- The Director of the Postgraduate programme

The **Assembly of the School of Physics** has the following responsibilities:

i. sets up committees to evaluate the applications of prospective postgraduate students and approves their enrolment in the Postgraduate Programme,
ii. assigns teaching duties to the instructors of the Postgraduate Programme,
iii. proposes to the Senate amendments to the decision establishing the Postgraduate Programme, as well as extensions to the duration of the Postgraduate Programme,
iv. sets up examination committees to examine the theses of postgraduate students and appoints a supervisor for each thesis,
v. verifies the successful completion of studies in order to award the M.Sc. degree,
vi. approves the report of the Postgraduate Programme, following a recommendation by the Coordinating Committee (CC).

By decision of the School Assembly, the responsibilities of cases (a) and (d) may be transferred to the Coordinating Committee (CC) of the Postgraduate programme.

The **Coordinating Committee (CC) of the Postgraduate programme** consists of the Director of the Postgraduate programme and four (4) members of the Department's academic staff who have a field of expertise related to that of the Postgraduate programme and undertake teaching duties in this programme. Its members are appointed by decision of the School Assembly. The CC has the following responsibilities:

i. prepares the initial annual budget of the Postgraduate programme and any amendments thereto and recommends its approval to the Special Account for Research Funds (ELKE) of the Aristotle University of Thessaloniki,
ii. prepares the P.S.P. report and recommends its approval to the School Assembly,
iii. approves the expenditure of the Postgraduate Programme,
iv. approves the awarding of scholarships, in accordance with the provisions of the decision establishing the P.S.P. and the Regulations for Postgraduate and Doctoral Programmes of Study,
v. recommends to the School Assembly the distribution and assignment of teaching duties as well as the invitation of Visiting Professors to cover the teaching needs of the Postgraduate Programme,
vi. prepares a draft amendment to the curriculum, which submits to the School Assembly,

vii. recommends to the School Assembly the redistribution of courses between academic semesters, as well as issues related to the qualitative improvement of the curriculum.

The **Director of the Postgraduate Programme,** who is selected from among the faculty members of the School, preferably at the rank of Professor or Associate Professor, is appointed by decision of the School Assembly for a two-year term, with the possibility of renewal without restriction, and is not entitled to additional remuneration for his administrative work. The Director has the following responsibilities:

i. chairs the C.C., drafts the agenda and convenes its meetings,
ii. proposes issues concerning the organisation and operation of the Postgraduate Programme to the School Assembly,
iii. submits to the Coordinating Committee and other bodies of the Postgraduate Programme and the university issues relating to the effective operation of the Postgraduate Programme,
iv. is the Scientific Director of the Postgraduate Programme and exercises the corresponding responsibilities,
v. monitors the implementation of the decisions of the bodies of the Postgraduate Programme and the Internal Regulations of Postgraduate Study Programmes, as well as the implementation of the budget of the Postgraduate Programme.

7.2. Administrative Support for the Postgraduate Programme

Administrative and secretarial support for the Postgraduate Programme is provided by the Secretariat of the School of Physics in relation to:

i. the annual announcement for admission to the Postgraduate Programme,
ii. the collection of applications and supporting documents from candidates,
iii. the registration of admitted students,
iv. maintaining files and grades of postgraduate students,
v. the registration of postgraduate student applications and their forwarding to the Director of the Postgraduate Programme and/or the Chair of the School,
vi. checking the completion of studies, issuing diplomas and diploma supplements, and
vii. other specific matters determined by decisions of the School Assembly.

The Secretariat of the School of Physics is located on the first floor of the Secretariat building of the Faculty of Sciences (in front of the School of Biology building).

The Secretariat is open to postgraduate students daily (Monday to Friday) from 10:30 to 12:00. E-mail: pms@physics.auth.gr, Telephone: 2310998140.

Members of the administration, support and management of the Postgraduate Programme

Director of the Postgraduate Programme	Theodoros Samaras, Professor, School of Physics
Coordinating Committee	Sotirios Goudos, Professor, School of Physics
	Spyridon Nikolaidis, Professor, School of Physics
	Konstantinos Siozios, Professor, School of Physics
	Thomas Noulis, Associate Professor, School of Physics
Management	Dr. Dimitrios Babas, EDIP, School of Physics
Secretariat of the Department of Physics	Georgios Kaimakamis, School of Physics

7.3. Postgraduate Programme Teaching Staff

List of Teaching Staff in the Postgraduate Programme

Faculty members of the School of Physics		
Lecturer	**Position**	**Field of expertise/Research work**
Sotirios Goudos	Professor	Wireless Communications, Antennas, Microwaves / Antenna and microwave device design, evolutionary algorithms, machine learning in wireless communications
Kordas Konstantinos	Professor	Experimental Elementary Particle Physics
Konstantakos Vasileios	Assistant Professor	Electronic Measurement Circuits and Instrumentation / Measurement circuits, embedded systems
Nikolaidis Spyridon	Professor	Analysis and design of digital electronic circuits / Analysis of basic digital circuit operation and model development, Design of optimal digital circuits - systems, Techniques for low energy consumption, Development of applications in embedded systems
Noulis Thomas	Associate Professor	Electronic Circuits for Physical Quantity Measurements / Analogue, RF and Mixed Signal Integrated Circuits, Sensor Interconnection Circuits, Electronic Circuit Design Methodology.
Samaras Theodoros	Professor	Applications of electromagnetism with emphasis on bioelectromagnetism / Applied electromagnetism, Computational electromagnetism, Dosimetry of wireless applications, Safety of exposure to electromagnetic fields, Biomedical applications of non-ionising radiation
Siozios Konstantinos	Professor	Digital Circuits and Embedded Systems

Teaching Staff of the School of Physics-AUTH		
Lecturer	**Position**	**Field of expertise/Research work**
Baltsis Konstantinos	PhD in Physics	Radio Communications / Wireless Telecommunications, Propagation of Electromagnetic Waves, Antennas
Dimitrios Babas	PhD in Physics	Radio Communications / Antennas, Environmental Electromagnetic Radiation Measurements
Achilleas Bourissianis	PhD in Physics	Radio Communications / Antenna Design, Wireless Networks, Artificial Intelligence
Sotiroudis Sotirios	PhD in Physics	Radio Communications / Radio Wave Propagation Modelling, Machine Learning, Machine Vision

Emeritus Professors of the School of Physics	
Lecturer	**Field of expertise/Research work**
Dimitriadis Charalambos	Electrical characterisation and simulation of micro-nano-electronic materials and devices
Laopoulos Theodoros	Electronic Measurement and Control Circuits / Analogue and Mixed Signal Circuits and Systems, Instrumentation and Measurement Circuits and Systems, Sensor and Control Interface Circuits
Siakavara Aikaterini	Antennas – Microwaves
Siskos Stylianos	Design of Analogue/Mixed Integrated Circuits

External Lecturer		
Lecturer	**Position**	**Field of expertise/Research work**
Vasiliki Gogolou	PhD in Physics	Integrated Circuits for Analogue and Mixed Signals

8. Contact details

8.1. Teaching staff

Full name	Position	Tel.	Email	Office (old Faculty building)
Gogolou Vasiliki	PhD in Physics		vgogolou@physics.auth.gr	1st floor, Electronics Lab
Goudos Sotirios	Professor	8392	sgoudo@physics.auth.gr	4th floor, West Wing, Office 12
Dimitriadis Charalambos	Professor Emerius	8094	cdimitri@physics.auth.gr	Ground floor, FSYY
Kordas Konstantinos	Professor	4121	kostas.kordas@cern.ch	Basement, PFSY
Konstantakos Vasileios	Assistant Professor	8214	bkons@physics.auth.gr	1st floor, Electronics Lab
Laopoulos Theodoros	Professor Emerius	8215	laopoulos@physics.auth.gr	1st floor, Electronics Lab
Baltzis Konstantinos	Teaching Staff	8285	kmpal@physics.auth.gr	4th floor, West Wing, Office 15
Babas Dimitrios	Teaching Staff	8430	babas@auth.gr	4th floor, West Wing, Office 2
Boursianis Achilleas	Teaching Staff	8070	bachi@physics.auth.gr	4th floor, West Wing, Office 15
Nikolaidis Spyridon	Professor	8078	snikolaid@physics.auth.gr	1st floor, Electronics Lab
Noulis Thomas	Associate Professor	8774	tnoul@physics.auth.gr	1st floor, Electronics Lab
Samaras Theodoros	Professor	8232	theosama@auth.gr	4th floor, West Wing, Office 1
Siakavara Aikaterini	Professor Emeritus	8395	skv@auth.gr	4th floor, West Wing, Office 6
Siskos Stylianos	Professor Emeritus	8056	siskos@physics.auth.gr	1st floor, Electronics Lab
Siozios Konstantinos	Professor	8774	ksiop@auth.gr	1st floor, Electronics Lab
Sotiroudis Sotirios	Teaching Staff	8395	ssoti@physics.auth.gr	4th floor, West Wing, Office 6

8.2. Secretariat

Full name	Telephone (2310 99-)	Email	Office (old STH building)
Kaimakamis Georgios	8140	pms@physics.auth.gr	1st floor, Secretariat building, Faculty of Sciences

8.3. Contact and information

Useful contact details	
Email	**elecom@physics.auth.gr**
Information (Telephone)	**2310 998430**
Website	**https://elecom2024.physics.auth.gr/**
Facebook	**elecom.auth**
LinkedIn	**ELECOM**