

## PAMEP, 1st year, summer semester 2019/2020

PHYSICS - PAMEP summer semester 2019/2020						
hour	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
8:00-9:00						
9:00-10:00	09:00-12:45 <b>Nuclear magnetic resonance</b> prof. UAM dr hab. A. Pajzderska (3 meetings in the first half of the semester) classroom 12	09:00-12:45 <b>Optical microscopy: from bright field to confocal fluorescence</b> prof. UAM dr hab. J. Gapiński (4 meetings in the second half of the semester) classroom 12	09:00-11:15 <b>Micromagnetic simulations</b> dr P. Gruszecki (5 meetings in the first half of the semester) classroom 9 (Pracownia elektroniki cyfrowe)	09:00-12:45 <b>Spectroscopic characterization of down- and up-converting nanomaterials</b> prof. UAM dr hab. T. Grzyb (3 meetings in the second half of the semester, Faculty of Chemistry)	09:00-11:15 <b>Introduction to fluorescence spectroscopy</b> dr. W. Giera) (5 meetings in the second half of the semester) classroom 9	
10:00-11:00						09:00-12:45 <b>Students seminars II</b> prof. UAM dr hab. M. Kempński (second half of the semester) classroom 6/7
11:00-12:00						11:30-13:00 <b>Specialized English</b> Aleksandra Pawełczak classroom 017 start 06-03-2020
12:00-13:00						
13:00-14:00	13:00-14:30 <b>Fundamentals of control engineering</b> (prof. UAM dr hab. J. W. Kłos): (7 meetings in the first half of the semester) classroom 9 (Pracownia elektroniki cyfrowe)					
14:00-15:00						
15:00-16:00						
16:00-17:00						

### List of 15 h practical courses:

- 1) Optical microscopy: from bright field to confocal fluorescence (Prof. J. Gapiński)
- 2) Introduction to fluorescence spectroscopy (Dr. W. Giera)
- 3) Spectroscopic characterization of down- and up-converting nanomaterials (Prof. T. Grzyb, Faculty of Chemistry)
- 4) Fundamentals of control engineering (Prof. J. W. Kłos)
- 5) Micromagnetic simulations (Dr. P. Gruszecki)
- 6) Nuclear magnetic resonance (Prof. A. Pajzderska)
- 7) Fabrication and analysis of surface nanostructures I (Prof. M. Wiesner, combined for 1<sup>st</sup> and 2<sup>nd</sup> year)

The exact dates when the courses and students seminar start will be determined individually by the courses leaders contacting directly the registered students.