



IAESTE POLAND

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WORK OFFER

Ref. No. PL-2019-PKR017

Employer information

Employer:	Cracow University of Technology, Faculty of Mathematics, Physics and Computer Science ul. Podchorążych 1 30-084 Krakow Poland	Website:	www.fmi.pk.edu.pl
		Location of placement:	Krakow
		Nearest airport:	Krakow (KRK)
		Working hours per week:	40
Number of employees:	100	Working hours per day:	8
Business or products:	Mathematics, Physics, Information Technology		

Student Required

General Discipline:	40B - PHYSICS	Completed years of study:	2
Field of Study:	40.0801 - Physics, General 26 - BIOLOGICAL AND BIOMEDICAL SCIENCES 26.0203 - Biophysics 40C - CHEMISTRY, MATERIAL SCIENCE, AND CHEMICAL ENGINEERING 14.1801 - Materials Engineering	Language required:	English Good

Required Knowledge and Experiences:

To be eligible for an internship, you should have had two or three years of technical studies such as physics including general, analytical and statistical knowledge and possibly laboratory practice. Knowledge of techniques such as ellipsometry, spectrometric analysis, atomic force microscopy, and thin film preparation, for example by spin-coating would be very welcome.

Other requirements:

Work offered

The intent of the internship course is to enable to obtain laboratory experience in using physical and chemical techniques, procedures and equipment while solving real problems. During this time the trainee will work in the physical laboratory and the analysis and development of experimental data reports. In the field of experimental work, this production of organic samples (e.g., biopolymers) will be included as well as the preparation of biological materials (e.g., tissues). Thus, in the regard, the practitioner will work with spin-coating techniques, dusting sample surfaces and preservation of biological samples. During the internship, the physical methods that the trainee will use will be TOS-SIMS mass spectrometry, AFM atomic force microscopy, and ellipsometric spectroscopy.

Number of weeks offered:	6 - 12	Working environment:	Research and Development
Within the months:	2019/04/01 - 2019/07/31	Gross pay:	2250.00 PLN / per month
Holidays:		Deduction to be expected:	20%
		Payment method / frequency:	Bank transfer or cash / Monthly

Accommodation

Canteen at work:	No	Estimated cost of lodging:	500.00 PLN / per month
Expected type of accommodation:	Student Dormitory	Estimated cost of living incl. lodging:	1200.00 PLN / per month
Accommodation will be arranged by:	IAESTE		

Nomination Information

Deadline for nomination:	2019/03/31	Please send nominations by	Exchange Platform
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Winga Urbanczyk