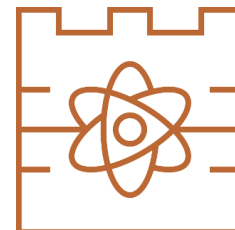




Cracow University of Technology

Politechnika Krakowska

im. Tadeusza Kościuszki



Faculty of Materials Engineering and Physics

imf.pk.edu.pl

Wydział Inżynierii Materiałowej i Fizyki

MSc in Computer Modelling (Applied Physics)

Level: **postgraduate** (2nd cycle)

Duration: **3 semesters**

ECTS Points: **90**

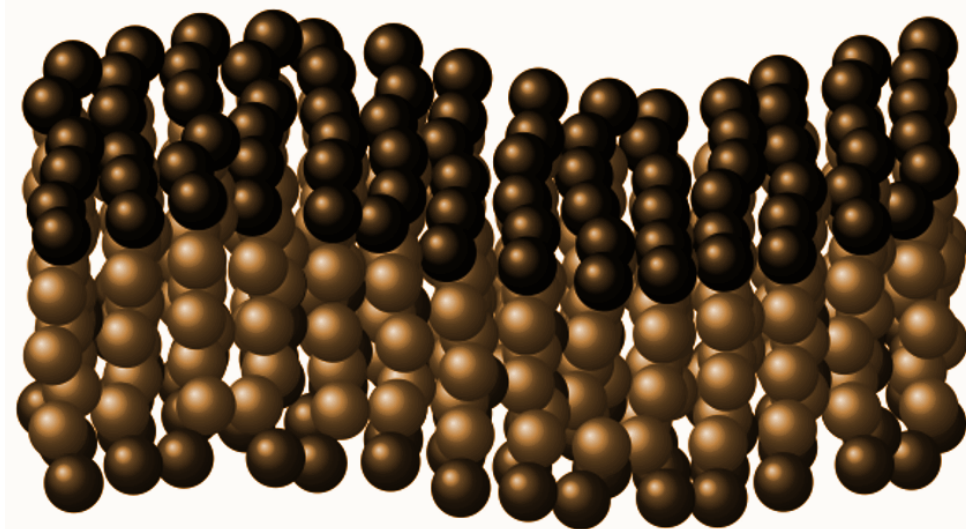
Starts: **October 2020** (courses taught in English)

February/March 2021 (Polish & English-language programmes)

<http://iro.pk.edu.pl/useful-hints/>

Registration for October MSc Programme in English until 31 August 2020

Candidates may apply for tuition fee reductions depending on their status and details of the courses taken



Graphics based on a membrane example in TiKZ by Yotam Avital

MODELOWANIE KOMPUTEROWE (FIZYKA TECHNICZNA)

studia I stopnia (7 semestrów)

<https://rekrutacja.pk.edu.pl/project/fizyka-techniczna/>

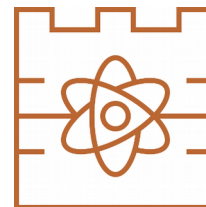
studia II stopnia (3 semestry)

<https://rekrutacja.pk.edu.pl/project/fizyka-techniczna-2/>

Rejestracja elektroniczna na studia I i II stopnia trwa!
Registrations for BSc and MSc Programmes are open!



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The courses in Computer Modelling benefit from the research strengths of the Institute of Physics (Cracow University of Technology) and its collaboration in teaching with the Institute of Nuclear Physics (Polish Academy of Sciences). Many of our graduates study towards their PhD degree actively taking part in international and cross-disciplinary scientific projects (astrophysics and high energy physics, engineering of nanomaterials, medical physics, modelling complex systems with applications in finance and social sciences, and many more). Numerous areas of applications in physics, technology and business involve computer modelling of various phenomena. Graduates will have a working knowledge in modern programming languages, computer simulations and modelling, and advanced skills in selected areas of applied physics and industry. Graduates will be confident in team work in the international environment and be able to solve challenging tasks.

The curriculum involves a substantial element of project work and may be taken **full-time**. It is also possible to attend selected part of the courses during short-term visits within exchange programmes (**Erasmus+**). This is intended for new graduates wishing to specialise in a new area or graduates wishing to convert to a new discipline.

For further information on the MSc in Computer Modelling and application forms, contact **prof. Joanna Jalocho-Bratek** (email: joanna.jalocha-bratek@pk.edu.pl) or visit our webpage **imf.pk.edu.pl**. Candidates may also visit the Admissions Office:

<http://iro.pk.edu.pl/msc-applied-physics/> or <https://rekrutacja.pk.edu.pl/ii-stopien/>

<http://iro.pk.edu.pl/useful-hints/>