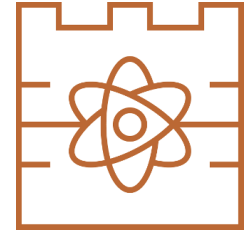




Cracow University of Technology

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)

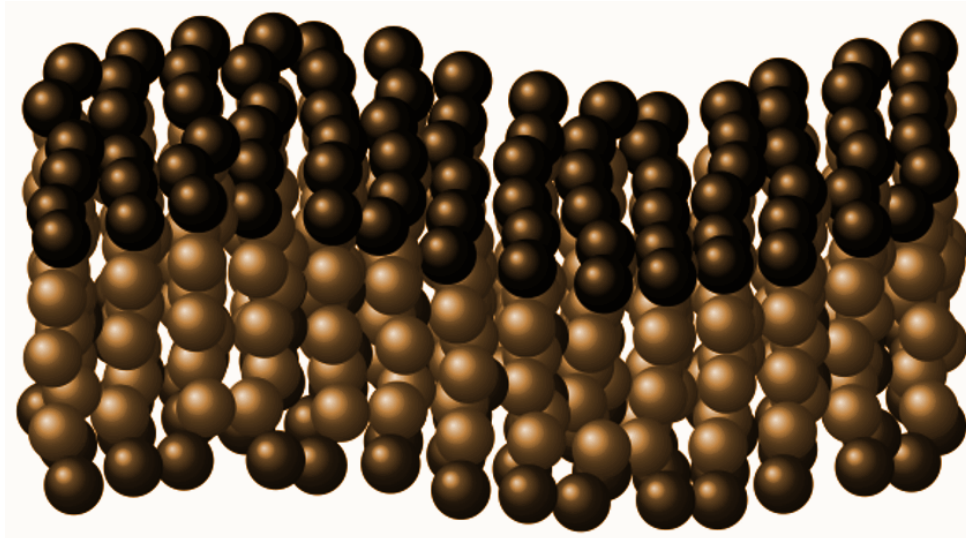
Duration: **3 semesters**

ECTS Points: **90**

Starts: **February/March 2020** (courses taught in Polish)

October 2020 (courses taught in English)

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



Graphics based on a membrane example in TiKZ by Yotam Avital

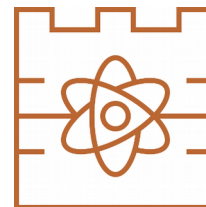
modelowanie komputerowe (fizyka techniczna)
studia II stopnia (3 semestry)

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

<https://rekrutacja.pk.edu.pl/rekrutacja-online/>



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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/>

The application process starts on the 20th January 2020 with the registration on-line <https://ehms.pk.edu.pl/rekrutacja/>

The closing date for the registration: 4 February 2020