

## 2022/2023 Academic year, SEMESTER 2 (Spring)

| Title  | Lecturer(s) / Convener(s)   | form               | contact hours   | ECTS | Core lectures      | Start  | Place   | Weekday/Time   |
|--|---|--------------------|---|------|--------------------|--|---|--|
| Solid State Physics II   | prof. Marek Godlewski (IF PAN)  | lecture            | 15 x 2h   | 3    | solid-state        | already started                                      | Leonard Sosnowski auditorium (IF PAN)                         | Monday 9:00-10:30<br>Thursday 13:00-14:30  |
| Physics of Magnetism and Superconductivity   | dr Sabina Lewińska (IF PAN)   | lecture            | 15 x 2h   | 3    | solid-state        | 28.02.2023   | Zoom  | Tuesday 8:00-10:00   |
| Molecular Biophysics II  | dr hab. Anna Niedźwiecka (IF PAN)<br>dr Bożena Sikora (IF PAN)  | lecture            | 15 x 2h   | 3    | biophysics         | 09.02.2023   | hall D (IF PAN)   | Thursday 15:00-17:00<br>Thursday 14:00-16:00                                       |
| Molecules and Photons  | prof. Zbigniew Kisiel (IF PAN)<br>dr hab. Jerzy Karpiuk (IF PAN)  | lecture            | 15 x 2h   | 3    | atomic & molecular | 24.02.2023   | hall D (IF PAN)   | Friday 14:00-16:00   |
| Crystal growth: Physics, technology, and modeling II   | prof. Stanisław Krukowski (IWC)<br>prof. Michał Leszczyński (IWC)<br>prof. Zbigniew Żytkiewicz (IF PAN) | lecture            | 15 x 2h   | 3    | IWC                | 22.02.2023   | hall D (IF PAN)   | Wednesday 9:00-11:00   |
| Selected Topic in Theoretical Physics II: Introduction to Electrodynamics and Theory of Relativity | prof. Jerzy Kijowski (CFT)  | lecture            | 15 x 2h   | 3    | CFT                | 22.02.2023   | hall D (IF PAN)   | Wednesday 16:00-18:00  |
| Advanced Lecture Series: Oxide Materials for Optoelectronics                                       | Distinguished visiting overseas professors  | lecture            | 21 x 1h   | 2    | -                  | 08.05.2023   | Leonard Sosnowski auditorium (IF PAN)                         | see lecture plan   |
| Foundations: Special Relativity  | dr hab. Tomasz Sowiński (IF PAN)  | lecture            | 45 x 1h   | 1.5  | -                  | 03.03.2023   | hall A (IF PAN)   | Friday 10:00-11:00   |
| Learning Python  | dr hab. Panagotis Theodorakis (IF PAN)  | course             | 12 x 3h   | 1.5  | -                  | TBA  | Zoom  | Friday 16:00-19:00   |
| Introduction to Topology in Optics   | dr Amir Rahmani (IF PAN)  | lecture            | 30 x 1h   | 2    | -                  | 01.03.2023   | hall A or D (IF PAN)  | Monday 14:15-15:15<br>Wednesday 14:15-15:15  |
| Practical Aspects in Computational Biophysics  | dr. Paweł Krupa (IF PAN)  | lecture            | 14 x 2h   | 2    | -                  | 27.02.2023   | Zoom  | Monday 13:00 - 15:00   |
| Theory and Machine Learning for Crystal Growth   | Dr Akira Kusaba<br>Kyushu University, Japan   | lecture            | 8 x 1h  | 1    | -                  | 18.04.2023   | Zoom  | Tuesday 10:00-11:00  |
| Journal Club   | dr hab. Piotr Deuar (IFPAN)   | journal club       | 15 x 1h   | 1    | in obligatory set  | 06.03.2023   | Zoom  | Monday 12:00-13:00   |
| Fundamentals of Physics Seminar  | dr hab. Aleksander Wittlin (IFPAN)<br>prof. Łukasz Turski (CFT)<br>prof. Marek Kuś (CFT)                | student seminars   | 15 x 1h   | 1    | in obligatory set  | 21.02.2023   | Zoom  | Wednesday 11:00-12:00  |
| PhD Student Symposium  | 2nd,3rd year students in 2022/2023 academic year  | student conference | 15h   | 1    | all                | June 2023  | Zegrze, Poland  | 5-7.06.2023  |
| Polish classes   | mgr Karolina Dzierka  | classes            | A1: 15 x 1.5h<br>A1: 15 x 1.5h<br>A1+: 15 x 1.5h<br>A2: 15 x 1.5h | -    | overseas students  | 21.02.2023<br>24.02.2023<br>21.02.2023<br>21.02.2023 | hall A (IF PAN)<br>Zoom<br>hall A (IF PAN)<br>hall A (IF PAN) | Tuesday 8:00-9:30<br>Friday 8:00-9:30<br>Tuesday 9:30-11:00<br>Tuesday 11:00-12:30 |
| English classes  | mgr Hanna Szulczewska   | classes            | B2: 15 x 1.5h<br>B2: 15 x 1.5h<br>C1: 15 x 2.15h                  | -    | -                  | 21.02.2023<br>23.02.2023<br>23.02.2023               | Zoom<br>hall D (IF PAN)<br>hall D (IF PAN)                    | Tuesday 13:00-14:30<br>Thursday 9:00-10:30<br>Thursday 10:45-13:00                 |