Schedule of the Training school Photonic structure in Arctic environment: 23/04/2024 - 25/04/2024

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| Tuesday  23/04/2024 | Wedensday  24/04/2024 | Friday  25/04/2024 |
| 8:45 – 9:00 Welcome |  |  |
| 9:00 – 11:00  Introductory lecture, Photonic nanocoating: learning from nature,  Prof. Vladimir Katanaev, University of Geneva, Switzerland | 9:00 – 10:00  Introduction to field safety rules  Tomasz Jankowski, Institute of Oceanology Polish Academy of Sciences, Poland | 9:00 – 10:00 Portable photonic systems for measurements in hard-to-reach places in the polar zones,  Prof. Marcin Gnyba, Gdańsk University of Technology, Poland |
| 10:15- 17:00 Outdoor practical exercises – sample collection and preliminary analysis  Prof. Katarzyna Jankowska/  Tomasz Jankowski / Prof. Aneta Łuczkiewicz, Institute of Oceanology Polish Academy of Sciences, Poland/ Gdańsk University of Technology, Poland | 10:00-11:00 Optical Coherence  Tomography (OCT) - seeing  beneath the (sample) surface  Prof. Virgil-Florin Duma  Polytechnic University of  Timisoara, National University  of Science and Technology  Bucharest, Romania |
| 11:00-11:30 Coffee break | 11:00-11:30 Coffe break |
| 11:30 – 12:30  Welcome to Arctic!! A bit of history, Nature, life and science on Svalbard  Dr. Dominika Saikkonen -Dąbrowska, Formosa Arctica, Svalbard | 11:30 – 12:30 Colorimetric Microscopy (C-Microscopy) – Quantifying Colors at Microscale  Prof. Benedykt R. Jany  Jagiellonian University, Krakow, Poland |
| 12:30 – 13:30 Seminar - students presentations - Part 1  (Supervisor : Prof. Marcin Gnyba/Prof. Katarzyna Jankowska  Gdańsk University of Technology, Poland | 12:30 – 13:30 Fundamentals of molecular spectroscopy and its applications in out-door applications  Prof. Marcin Gnyba,  Gdańsk University of Technology, Poland |
| 13:30 - 14:30 Lunch break | 13:30 - 14:30 Lunch break |
| 14:30 – 17:00 Seminar - students presentations - Students presentations - Part 2  (Supervisor : Prof. Marcin Gnyba/Prof. Katarzyna Jankowska  Gdańsk University of Technology, Poland | 14:30 - 15:30 Light interaction with human skin  Prof. Janis Spigulis,  University of Latvia (Riga), Latvia |
| 15:30 - 16:30 Biochemical analysis  Dr. Paweł Wityk, Gdańsk University of Technology, Poland |
| 17:00-18:00 Coffee break |  | 16:30 – 17:00 Discussion and closing ceremony |
| 18:00-22:00  Discussion and integration activities  Supervisor : Prof. Aneta Łuczkiewicz / Prof. Katarzyna Jankowska, Gdańsk University of Technology, Poland |  |  |