

## ERASMUS+INTERNSHIPS OFFER - INSTITUTE OF CIVIL ENGINEERING

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| 1 | <p><b>Abdrahman Alsabry, Assoc. Prof., Ph.D., D.Sc.</b><br/> <b>Discipline:</b> Civil Engineering, Geodesy and Transport<br/> <b>Scientific interests:</b> Building physics, Energy certification of buildings, Energy audits, Transport of moisture in capillary-porous.<br/> <b>Internship possibilities:</b></p> <ul style="list-style-type: none"> <li>– Low-energy house - design solutions and investment and operating costs of the facility.</li> <li>– Thermal imaging in building.</li> <li>– Energy performance certificate for the building.</li> </ul>   |
| 2 | <p><b>Anna Staszczuk, Assoc. Prof., PhD.</b><br/> <b>Discipline:</b> Civil Engineering, Environmental Engineering<br/> <b>Scientific interests:</b> building physics; thermal energy storage; LCA analysis; energy efficiency; sustainable buildings; Energy+ software simulation; SimaPro simulation; microclimate in buildings; passive cooling design.<br/> <b>Internship possibilities:</b></p> <ul style="list-style-type: none"> <li>– Energy-efficient and passive construction.</li> <li>– Comfortable and energy-efficient building designs.</li> <li>– Diagnostic tools and techniques aimed at designing buildings that meet energy efficiency criteria.</li> <li>– Energy storage in buildings.</li> <li>– New technologies and materials in low energy building design.</li> <li>– Life Cycle Assessment of building according to SimaPro software.</li> </ul> |
| 3 | <p><b>Ewa Wojnicka, PhD. Eng.</b><br/> <b>Discipline:</b> Civil Engineering, Environmental Engineering<br/> <b>Scientific interests:</b> geotechnics, soil mechanics, ground stability.<br/> <b>Internship possibilities:</b></p> <ul style="list-style-type: none"> <li>– Geotechnical characteristics of the selected area.</li> <li>– Geotechnical parameters of selected soils.</li> </ul>  |
| 4 | <p><b>Volodymyr Sakharov, Assoc. Prof., Ph.D., D.Sc.</b><br/> <b>Discipline:</b> Civil Engineering, Environmental Engineering<br/> <b>Scientific interests:</b> ground under dynamic load, proof loads, numerical simulation.<br/> <b>Internship possibilities:</b></p> <ul style="list-style-type: none"> <li>– Behaviour of engineering structures on a soil base under dynamic (seismic) loads.</li> </ul>   |
| 5 | <p><b>Krzysztof Kula, PhD. Eng.</b><br/> <b>Discipline:</b> Civil Engineering, Environmental Engineering<br/> <b>Scientific interests:</b> high performance concrete, rheological relaxation, concrete properties.<br/> <b>Internship possibilities:</b></p> <ul style="list-style-type: none"> <li>– Numerical and experimental analysis of concrete beams reinforced by composite bars.</li> </ul>  |
| 6 | <p><b>Adam Wysokowski, Prof. PhD. Eng.</b><br/> <b>Discipline:</b> Civil Engineering, Environmental Engineering<br/> <b>Scientific interests:</b> road and bridge structures.<br/> <b>Internship possibilities:</b></p> <ul style="list-style-type: none"> <li>– New materials and technologies used in road and bridge structures.</li> <li>– Methods of testing road and bridge structures according to new standards and specifications.</li> <li>– Method of maintenance of civil engineering structures.</li> </ul>  |