

PROF. K. PARŠAUSKAS ULTRASOUND RESEARCH INSTITUTE

| Name of the division | Name of the position | Part of FTE | Study field | Required competences and experience |
|--|----------------------|-------------|-----------------------------|--|
| Laboratory of Ultrasonic Measurements | Senior Researcher | 1,0 | 10T Measurement Engineering | <p>Doctor of Science in the field of Measurement Engineering;</p> <p>Experience of research activities:</p> <ul style="list-style-type: none"> - At least 10 years of pedagogical work experience; - Experience in the areas of ultrasonic measurement and non-destructive tests, signal processing; - Experience of modelling of the propagation of ultrasound waves in various environments using computational methods; - Experience of participation in the national and international scientific projects; - Experience of preparation of the project proposals for research works; <p>Knowledge of specific technologies: MATLAB, CIVA, Solidworks;</p> <p>Additionally required experience and competences:</p> <ul style="list-style-type: none"> - Participation in expert and peer-review activities; - Preparation of scientific publications for the journals of foreign publishers; - Qualification improvement certificates; - Educational activities; - Participation in the process of doctoral studies. |
| Digital Simulation Research Laboratory | Chief Researcher | 0,5 | 10T Measurement Engineering | <p>Doctor of Science in the field of Measurement Engineering;</p> <p>Pedagogical experience in the areas of ultrasonic measurements and non-destructive tests;</p> <p>Experience of giving lectures in the English language.</p> <p>Experience of research activities:</p> <ul style="list-style-type: none"> - At least 15 years of pedagogical work experience; - Experience in the areas of x-ray computed tomography and ultrasonic non-destructive tests; - Implementation and management of the international scientific projects; - Preparation of the international project proposals for research works; - Participation in the work of committees and commissions; - Participation in expert and peer-review activities; <p>Knowledge of specific technologies: knowledge of the computed tomography systems RayScan250, image processing methods for x-ray computed tomography, VGStudio MAX, Avizo, CIVA;</p> <p>Additionally required experience and competences: Certificate of the completed radiation protection course.</p> |