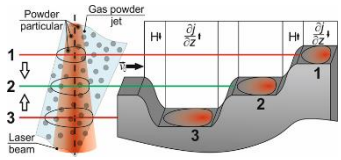
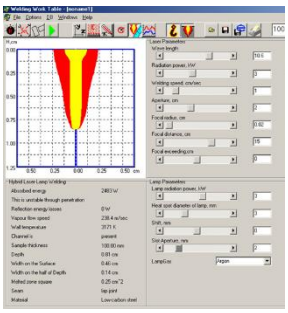


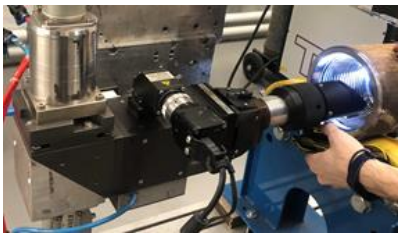


DATE 03 May 2024

LASER AND ADDITIVE TECHNOLOGIES FOR INDUSTRIAL APPLICATION
OF PRODUCTION AND REPAIRING OF TERRAIN, MARINE AND AERONAUTICAL ENGINEERING

11:00 – 11:45: INDUSTRIAL APPLICATION OF LASER AND ADDITIVE TECHNOLOGIES

RUDOLF KORSMIK
Ph.D. in Welding and similar technologies
Head of technological department of ILWT SMTU
Research associate, Senior lecturer
Project participant: 20; Principal investigator: 10
Current activity: Laser and hybrid laser arc welding, laser cladding and hardening, wire-arc additive manufacturing
Articles: 29; H-index: 8
Scientific interests: laser treatment, welding, cladding, additive manufacturing, direct energy deposition, welding metallurgy



12:00 – 12:45: DIRECT ENERGY DEPOSITION OF FUNCTIONALLY GRADIENT MATERIALS

OLGA KLIMOVA-KORSMIK
Ph.D. in Metal Science and Heat Treatment
Head of material science department of ILWT SMTU
Research associate, Assistant professor
Project participant: 33; Principal investigator: 24
Current activity: materials design, materials research and development, materials technologies, testing materials
Articles: 116; H-index: 17
Scientific interests: materials engineering, materials characterization, metals and alloys, high-entropy alloys, superalloys