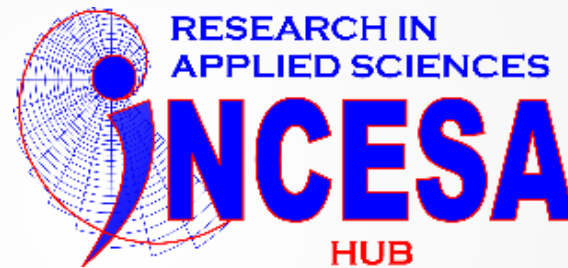


Laboratory of Innovative Techniques and Processes in Bioengineering

www.incesa.ro
<https://eertis.eu/erlb-2300-001m-0109>



Laboratory of Innovative Techniques and Processes in Bioengineering

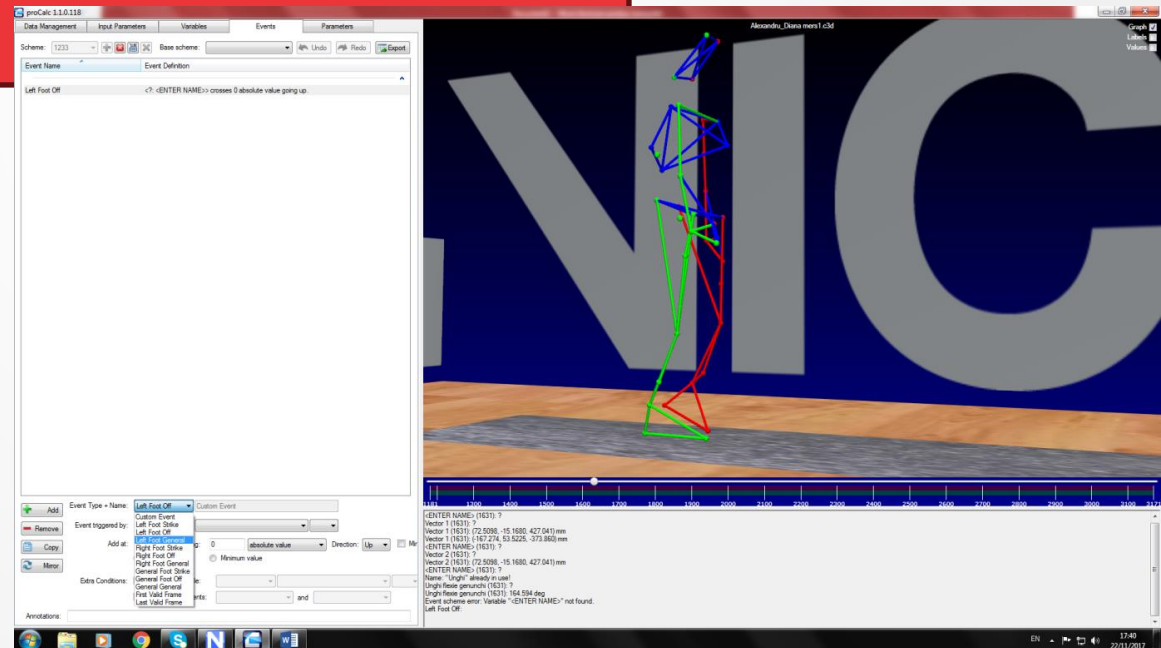


- **Movement assessment- gait analysis, specific sports movements,**
- **Myscle assessment**
- **Cariorespiratory testing**
- **Posture and balance assessment**

Laboratory of Innovative Techniques and Processes in Bioengineering

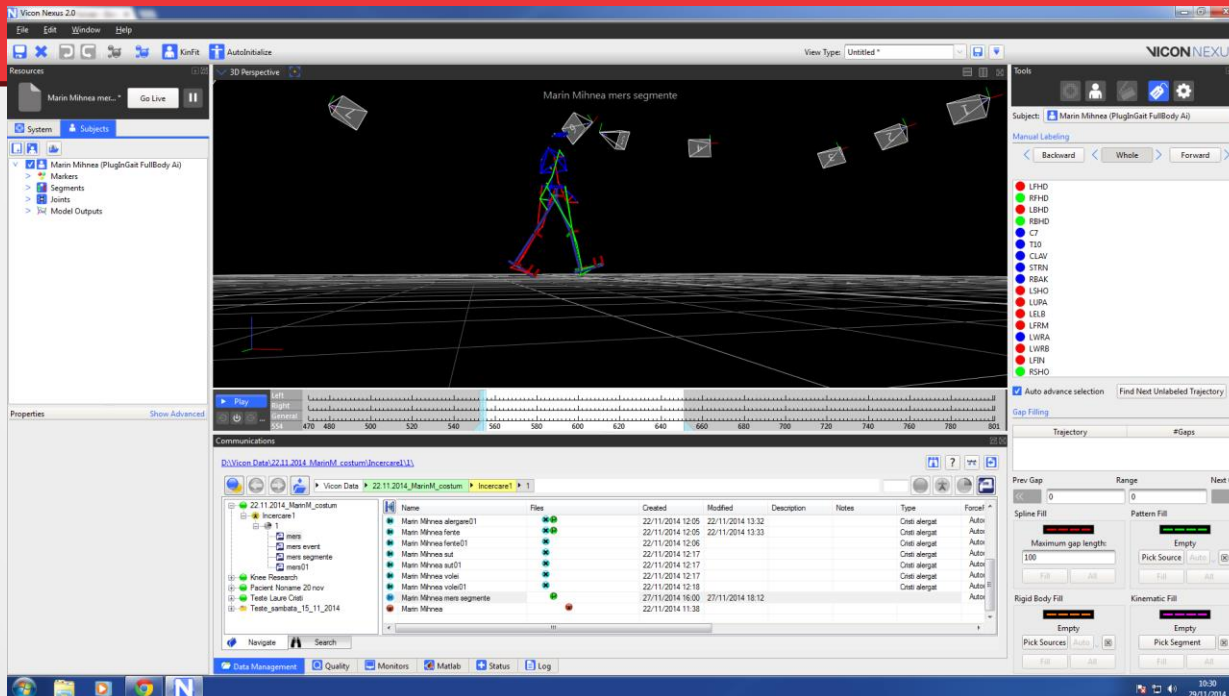
EQUIPMENTS

VICON System- 14 cameras



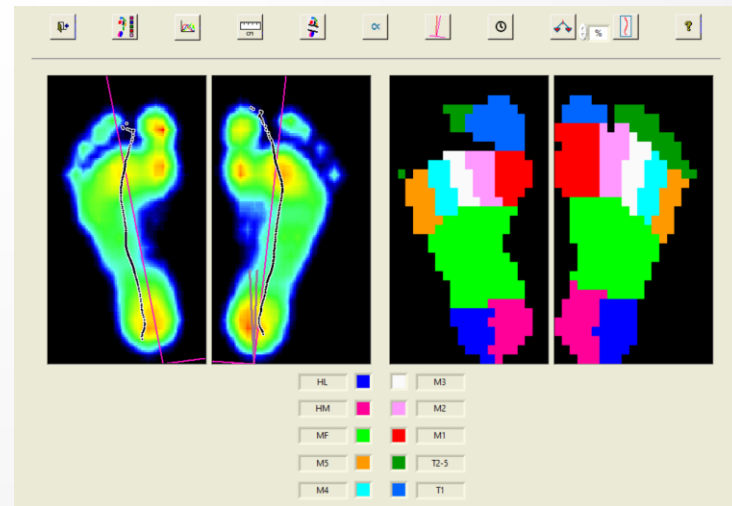
Laboratory of Innovative Techniques and Processes in Bioengineering

Software packages BoB for muscle assessment EMG evaluation



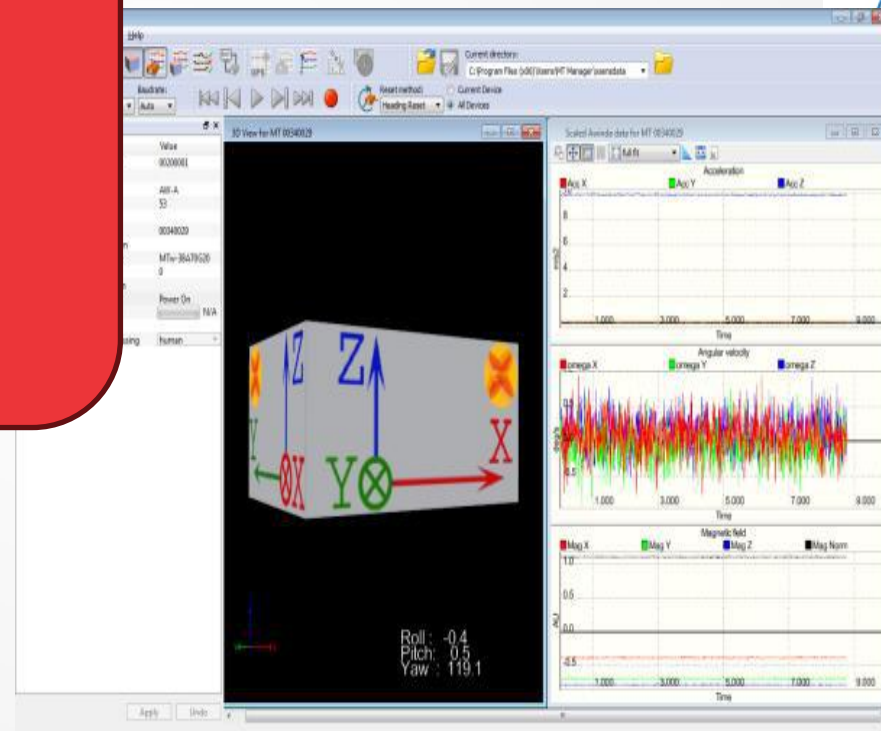
Laboratory of Innovative Techniques and Processes in Bioengineering

Force and pressure plat RSSCan



Laboratory of Innovative Techniques and Processes in Bioengineering

X Sens MTw™



Laboratory of Innovative Techniques and Processes in Bioengineering

Dynamometer BioFet Isoinertial system Desmotec



Laboratory of Innovative Techniques and Processes in Bioengineering

Myotest power, force, speed

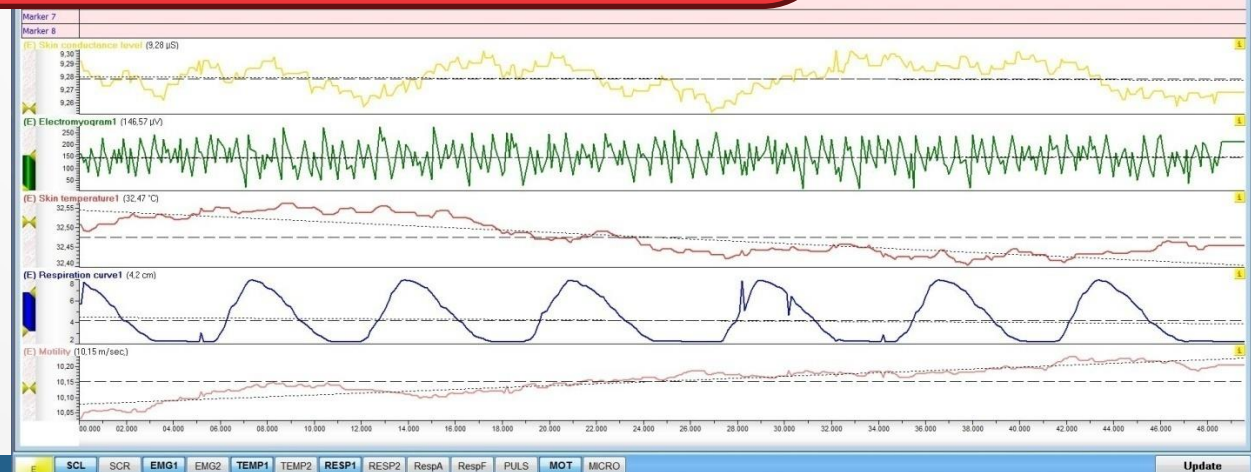


Laboratory of Innovative Techniques and Processes in Bioengineering

Neuro-MEP -4 – electrodiagnostic, EMG



**Biofeedback 2000x-pert SCHUHFRIED-
modules cardiovascular, respiratory,
EMG, temperature**



Laboratory of Innovative Techniques and Processes in Bioengineering



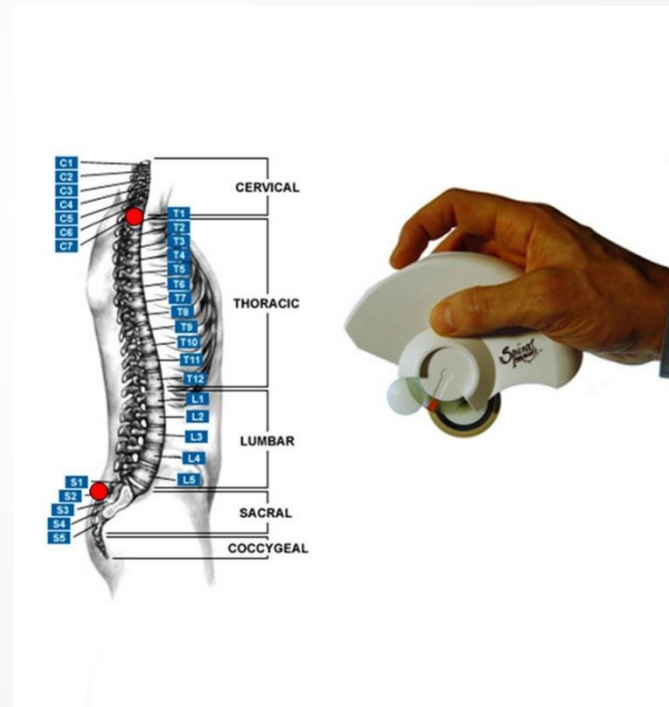
**Tensiomiograf-
muscle structure
assessment**

**MCV Sensor- tendon
assessment**



Laboratory of Innovative Techniques and Processes in Bioengineering

Spinal mouse



Laboratory of Innovative Techniques and Processes in Bioengineering



- **Moxy Sensors**
- **Electrophysiologic system –BIOPAC**
- **Ultrasound machine-musculoskeletal assessment**
- **Electrocardiograph 12 canale-**
- **Ergospirometry system / VO2Master pro**
- **System for anaerob testing**

Laboratory of Innovative Techniques and Processes in Bioengineering

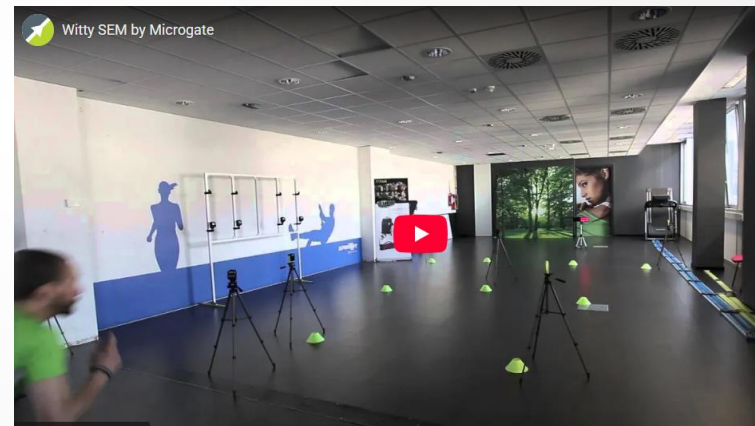
Opto Jump



OPTO JUMP
next

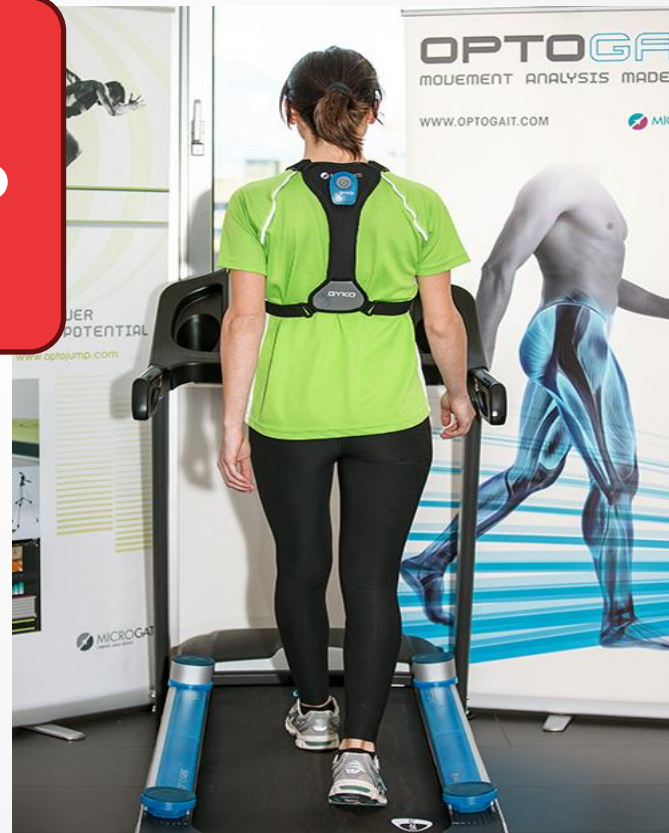


Laboratory of Innovative Techniques and Processes in Bioengineering



Laboratory of Innovative Techniques and Processes in Bioengineering

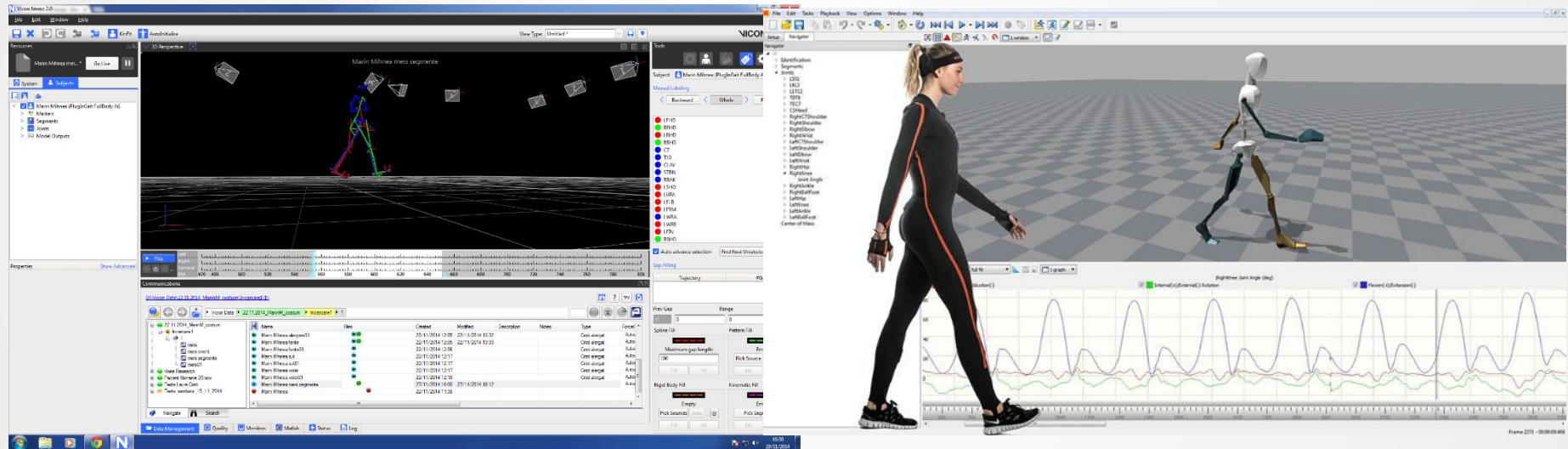
GykoPro Training - Gyko



Laboratory of Innovative Techniques and Processes in Bioengineering

VERT

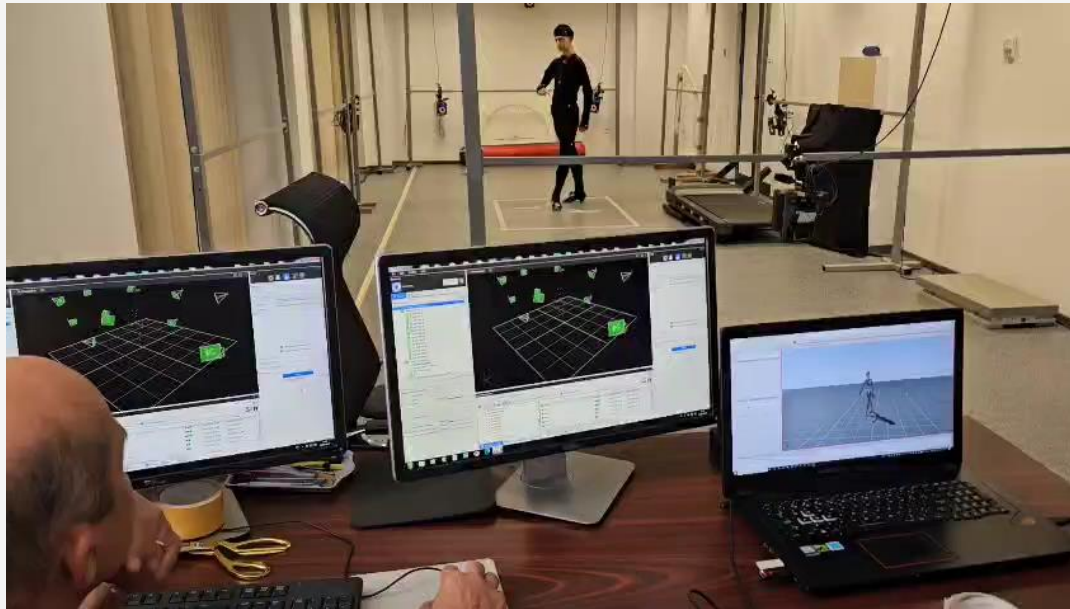




VICON System & Xsens / Moven

The Science Behind Training Monitoring

The synergy between expertise, collaboration and technology ecosystem of scientific innovation in sports



- diversity of perspectives
- technology provides the tools provides by technology to explore and validate knowledge