Cognitive Products

Fischer4You Cognitive Skiing Products



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MOTIVATION & GOALS

The aim of this work is to develop a sensor set up and an algorithm to assess skill level of recreational alpine skiers, which is feasible for home use.

- Finding the best position for detecting skiing skills
- Automatic analysis of skiing activities
- Communication of assessment feedback
- Coaching suggestion
- Recommendation for equipment change

Project FactBox

Project Name Fischer4You Project ID DP1.2-1 Duration 27 Months

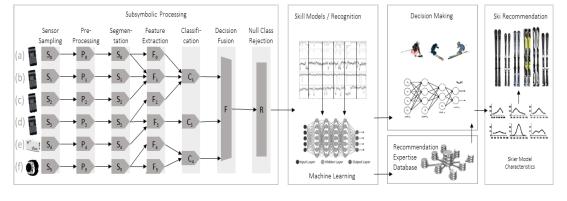
Area 1

Perception and Aware Systems

Project Lead

Prof. Dr. Alois Ferscha

APPROACH



CONTRIBUTION

Scientific contribution

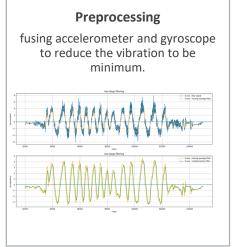
Unsupervised Activity Recognition High Dynamic Technique Recognition Two-stage Filtering and Sensor Fusion Data-Driven Assessment Model

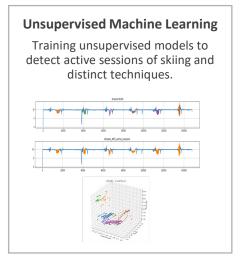
Economic contribution

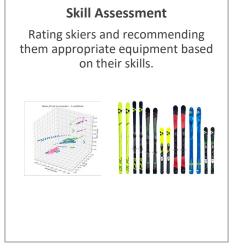
Costumer satisfaction
Costumer binding

SYSTEM ARCHITECTURE









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