



OWASmooth

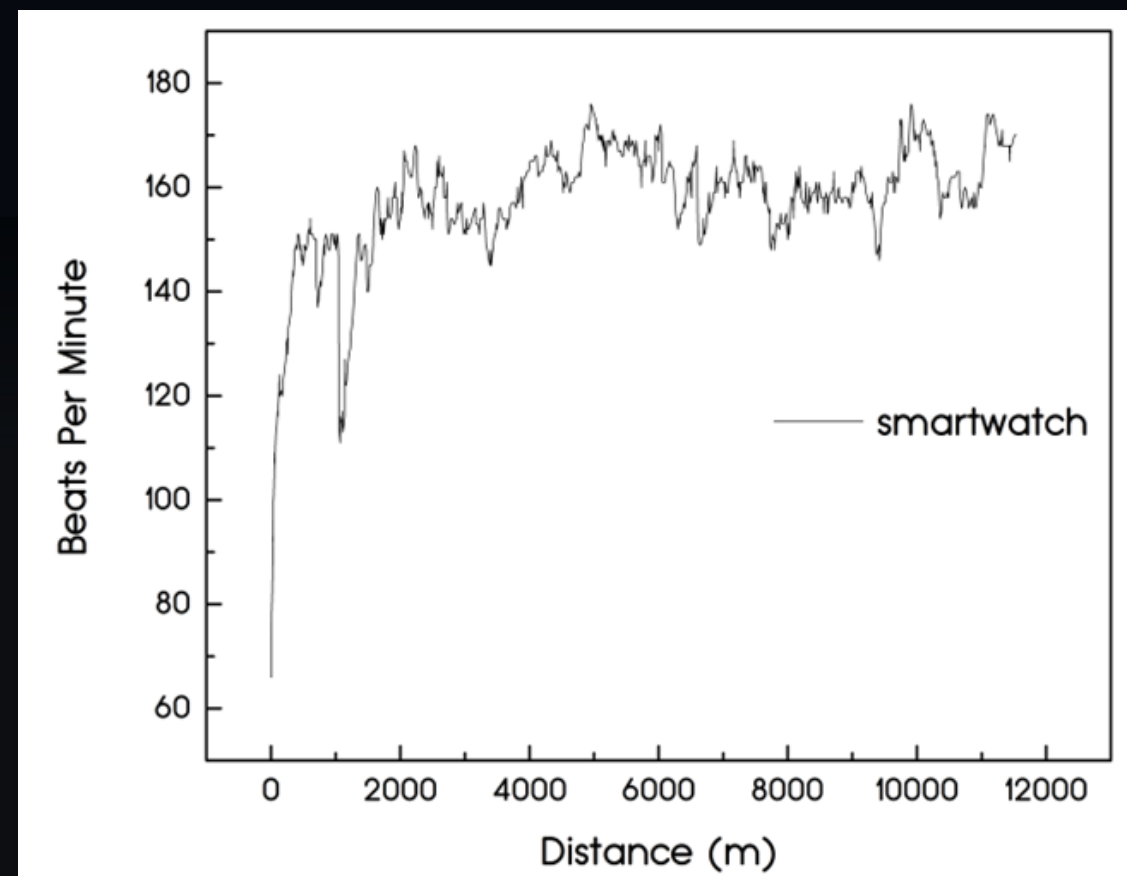
UNLOCKING CLARITY BY DATA SMOOTHING

WHAT IS THE ISSUE?



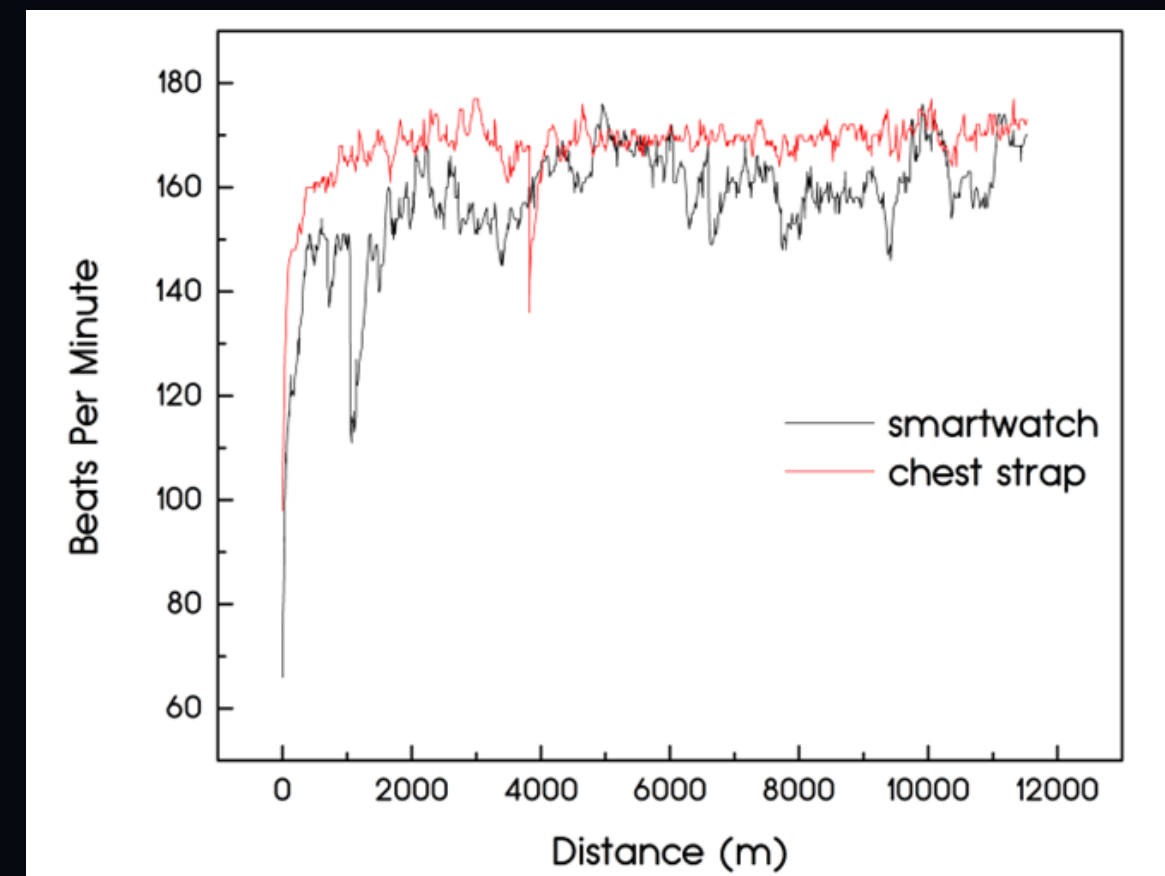
Smartwatch

Noisy data with fluctuations because of loose band, sweat, motion artefacts.



Chest strap

Better skin contact, better output, but **still noisy**.



WHAT IS THE ISSUE?



+



=

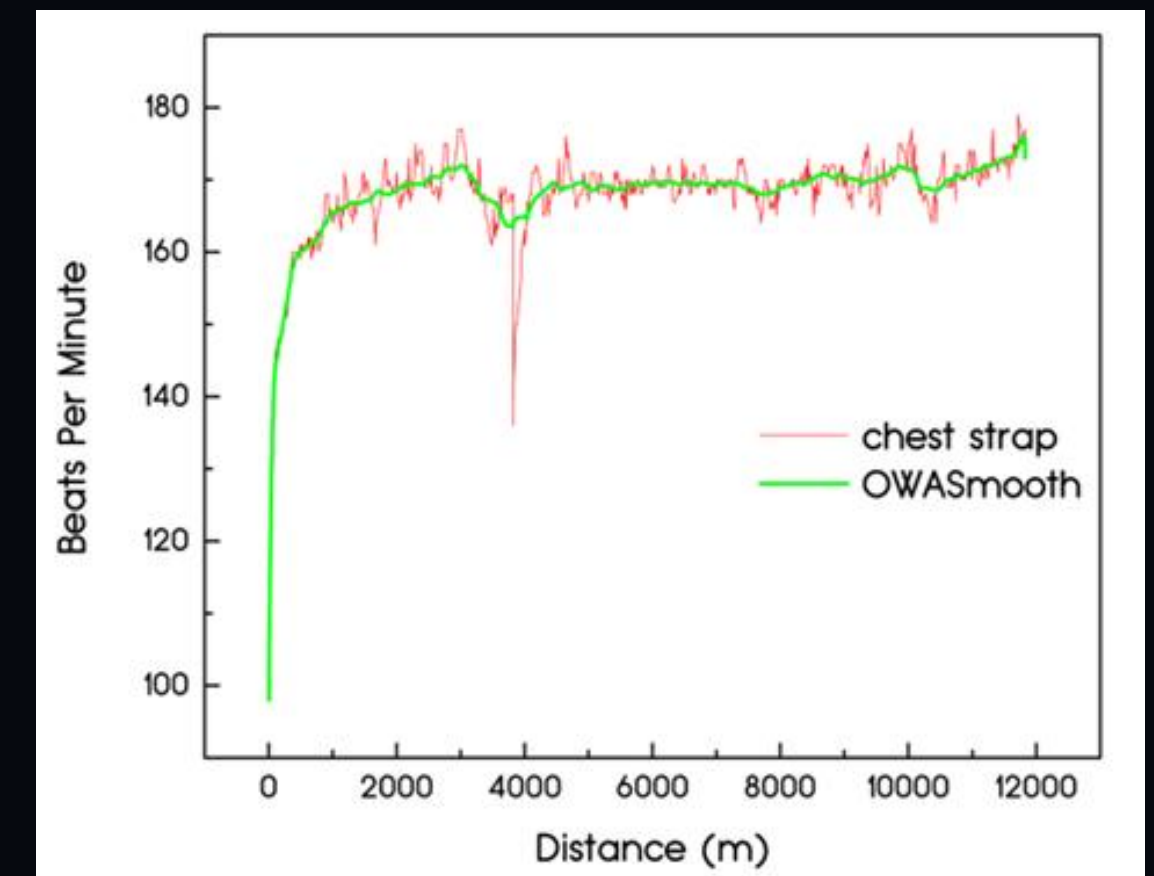
Better training & performance

HIGH-QUALITY DATA

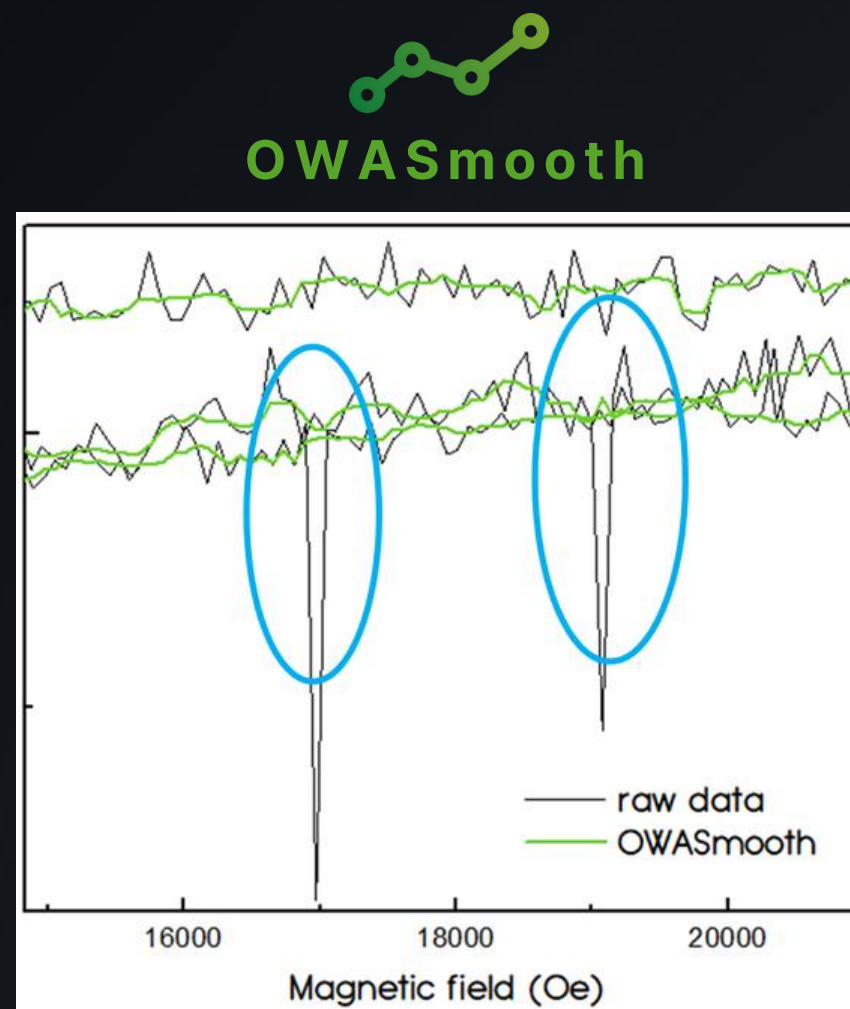
OBJECTIVE DECISION MAKING

OWASmooth

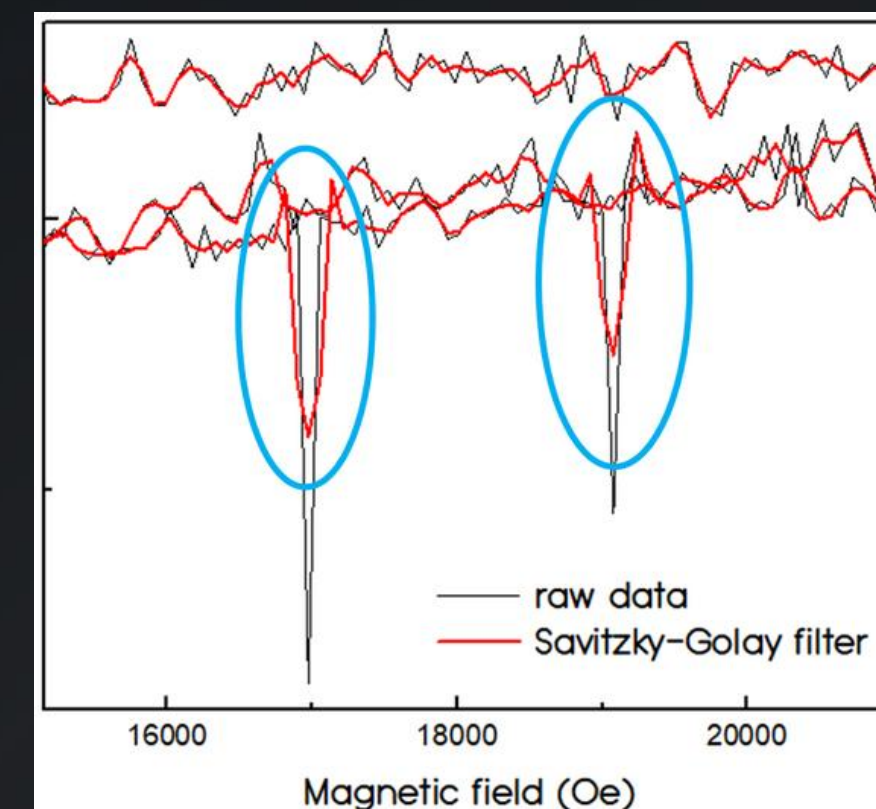
72% IMPROVEMENT



WHY smoothing with OWASmooth?



Savitzky - Golay (1960s)



ENHANCE DATA QUALITY



Easier prediction
making



Efficiency of
processes



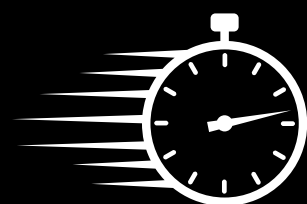
Cost
reduction



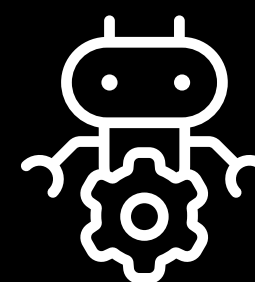
Improved
safety



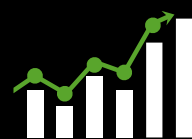
OWASmooth CRUCIAL PROPERTIES



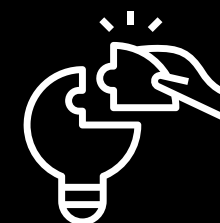
Fast
real-time data
processing



Computationally
simple
reducing operation costs

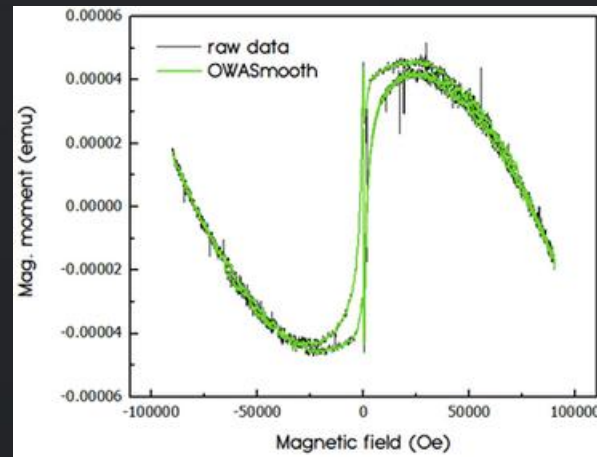


Sensitive
without data
distortion



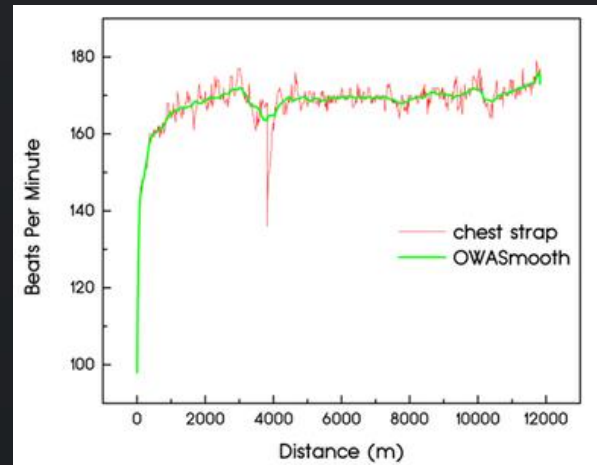
Tailored
adjusting
parameters

OUR EXPERIENCES



Scientific data

Physics, material sciences



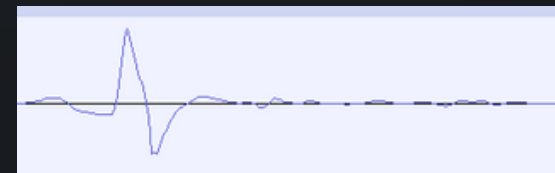
Vital functions

Oxygen level, heartbeat



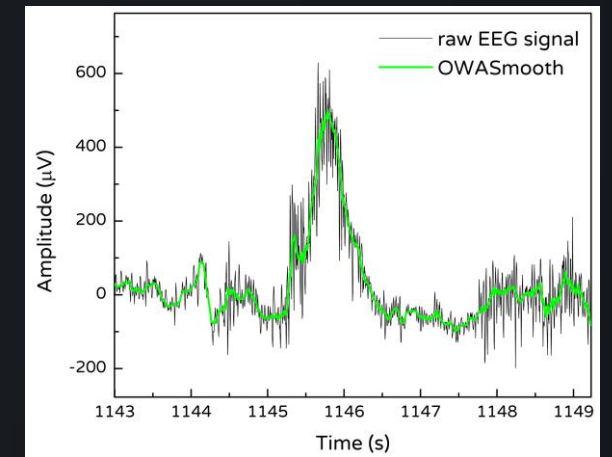
Image filtering

Sensory data

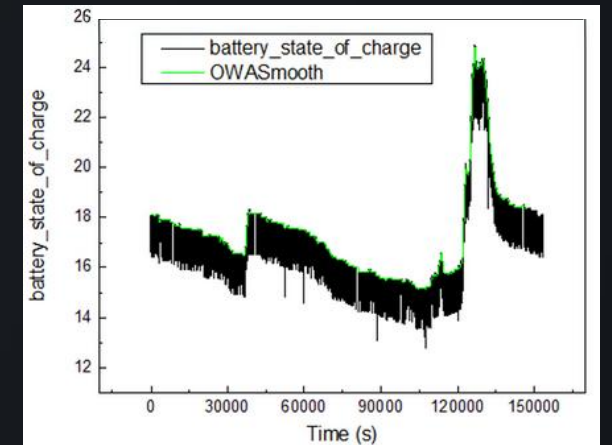


Healthcare

EEG, ECG, MRI, ultrasound



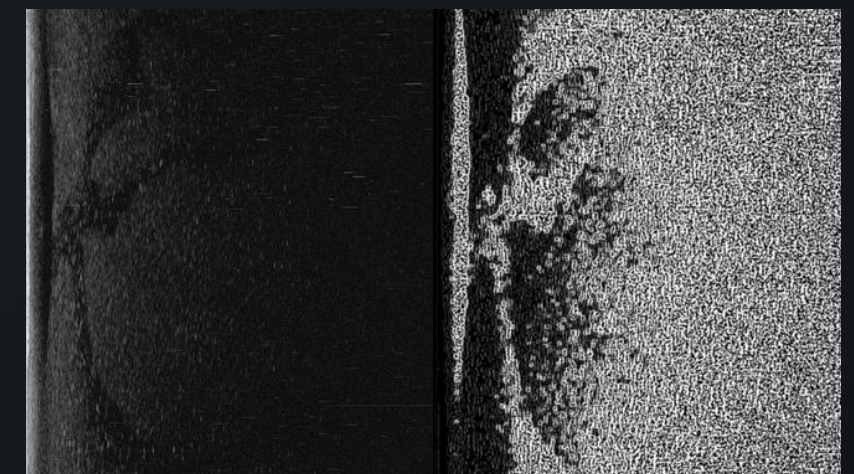
Energy monitoring



Radar



Audio

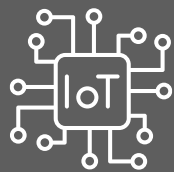


OUR POTENTIAL CLIENTS



Everyone who is dealing with numerical data and wants to reduce errors in data points and enhance data quality.

IoT/IIoT



Smart technologies,
smart factories
(Industry 4.0).

Robotics



SPACE



Background noise
reduction, radiation
influence attenuation.

Video



Diagnostic equipment
as EEG, ECG,
MRI, CT.

HEALTHCARE



Wearable



For Physics, Biology,
Chemistry, Electrical
engineering.

SCIENTIFIC
EQUIPMENT



IMPLEMENTATION



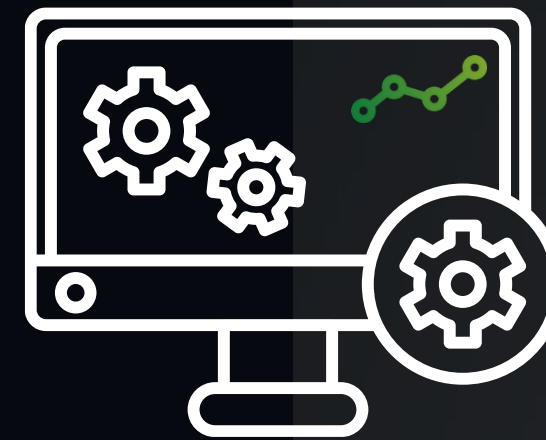
COMMERCIAL

SaaS cloud smoothing

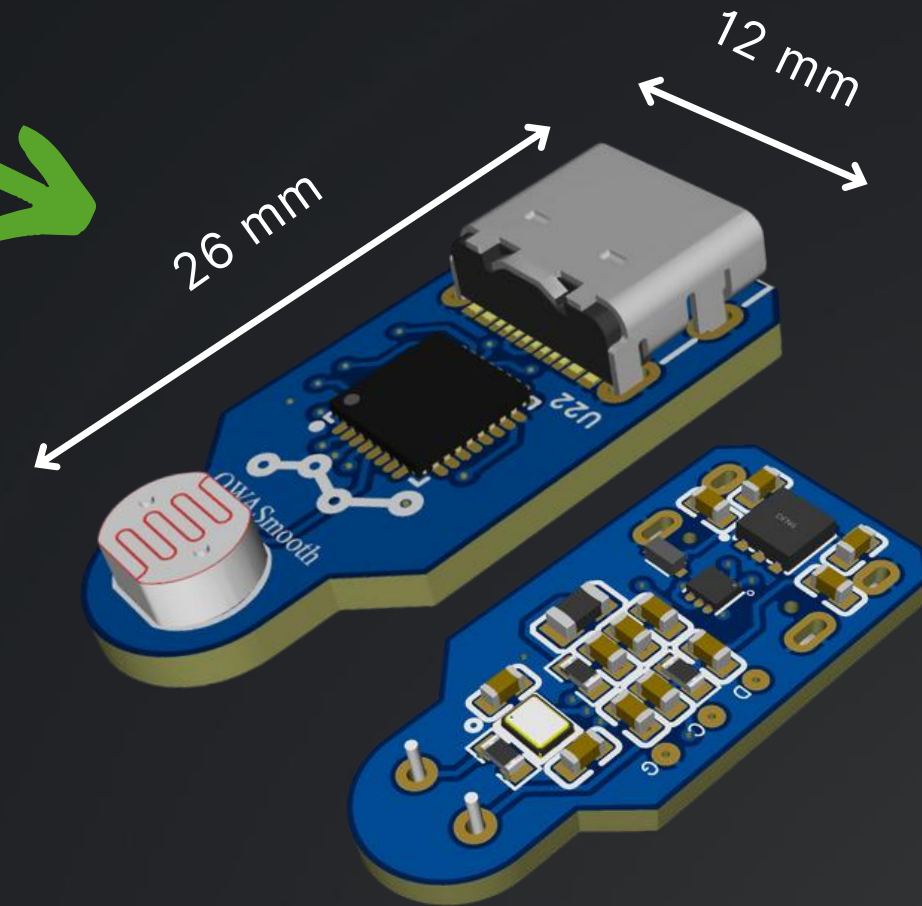


INDUSTRIAL

Embedded devices



LIBRARY



OUR TEAM



FILIP DEÁK

CTIO

back-end & embedded dev.

DR. MIROSLAV HENNEL

CEO & founder

physicist, PhD. candidate
several years in sensors R&D

DR. BARBORA HENNELOVÁ

COO & founder

mathematician, PhD. candidate
expert in data aggregation

LUKÁŠ KOLLÁROVIČ

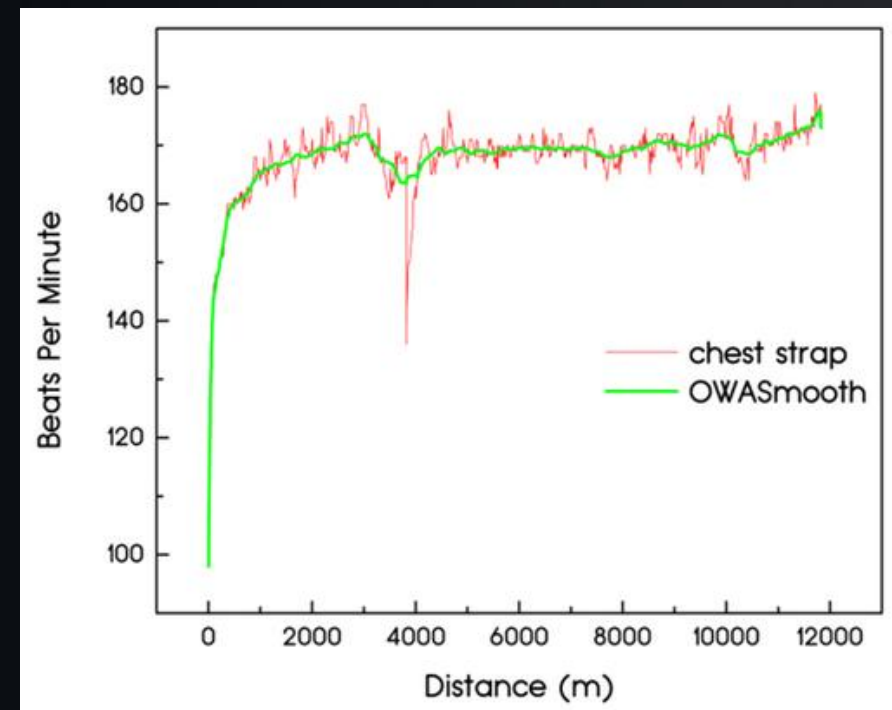
CTO

full-stack developer

OWASmooth

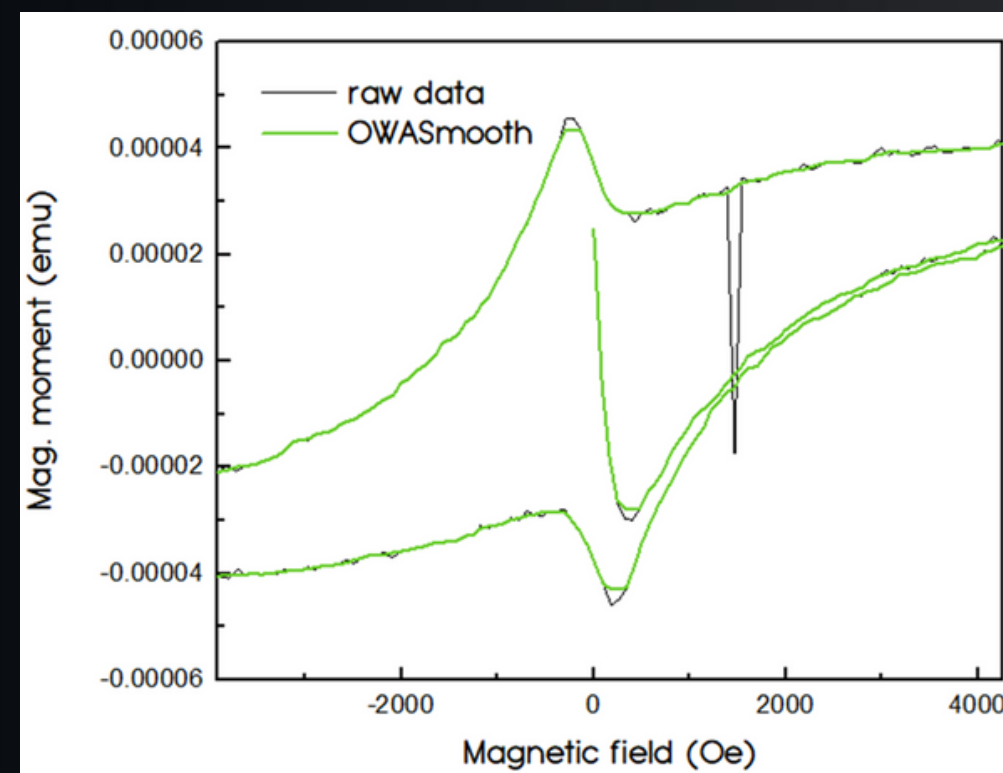


Sensors & IoT

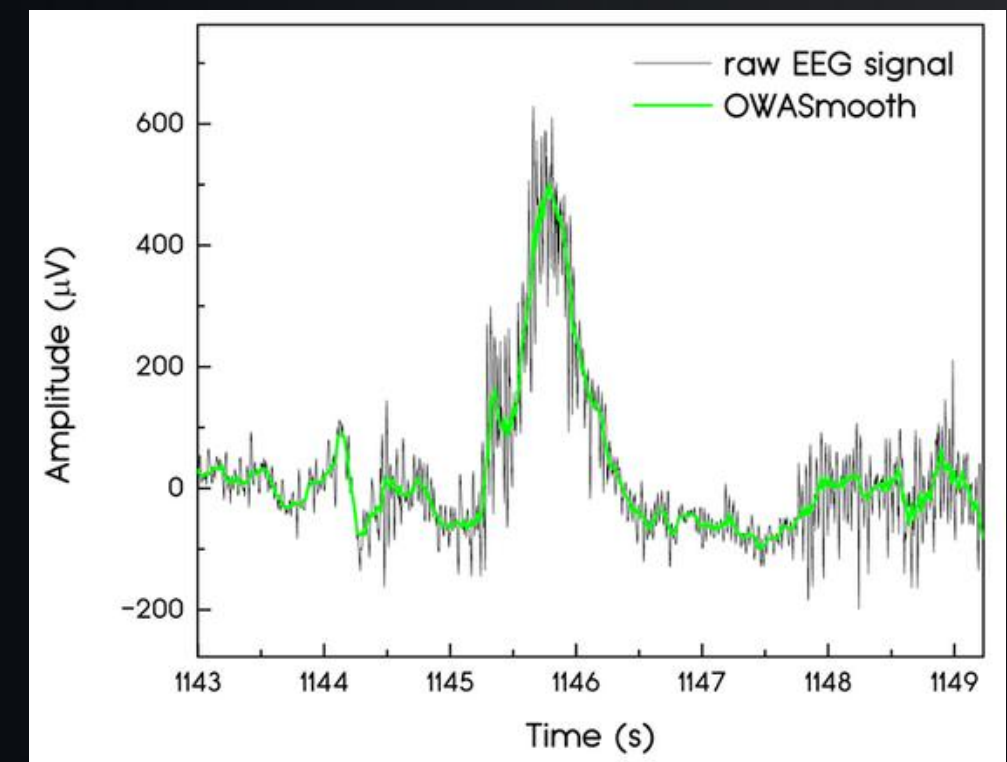


AND MORE...

Fundamental research



Medical diagnostics





UNLOCK DATA CLARITY

Optimisation With Advanced Smoothing

Supported by



<https://owasmooth.webflow.io>



info@owasmooth.io