



# Galvanic Stimulation & Performance enhancement for Simulation



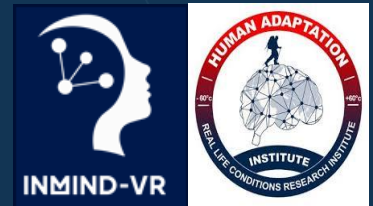
UNIVERSITÉ  
CAEN  
NORMANDIE

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VERTEX

VERTIGE  
EXTREME





## ADDRESS

# BALANCE & MOTION PERCEPTION DISORDERS



**Car & Sea  
Sickness**



**Cyber  
Sickness**



**Space  
Sickness**



**Motion Illusion  
Simulator**

# CONTROLLING THE KEY SENSORY ORGAN of MOTION PERCEPTION



**Dr BESNARD**  
VESTIBULAR SYSTEM  
MOTION SICKNESS



**Dr CHABBERT**  
VESTIBULAR ORGAN



**Dr SÉVERAC**  
VESTIBULAR STIM.



# NEURAL SENSE<sup>NBI</sup>

Improving helicopter simulator  
Vestibular pulses (GVS)  
Motion illusion training



## POC MOTION PERCEPTION in % - n=8



## BUSINESS MODEL

SaaS Platform  
Adaptive Embedded Software  
& StimBox coupling

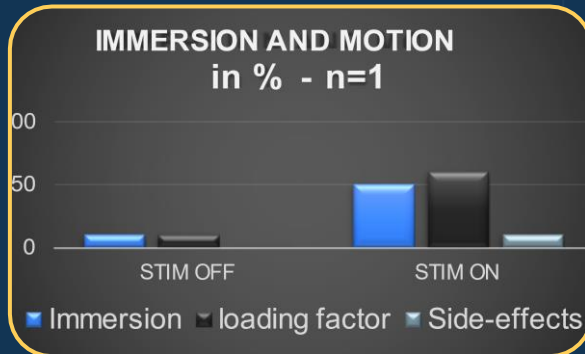
Open source SDK for Visual Flow

Current Clinical Study  
STIMGAL



# CYBER RESCUE<sup>NBI</sup>

Immersion enhancement  
Synchronized & specific  
vestibular pulses (GVS)  
Reduce cybersickness



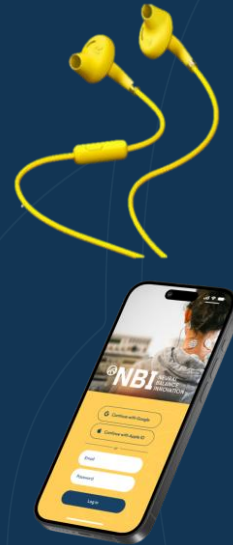
- **50%** of VR users
- Loss of incomes from cybersickness : **b\$ -2,2**
- **Large market** (Learning - Industry - Health - Games)

Current Clinical Study  
CYBERVEST

# MOTION RESCUE<sup>NBI</sup>

Motion Sickness Desensitization  
(Reduce Vestibular Gain)  
Repetitive noisy vestibular pulses

## WELLNESS & MOTION SICKNESS



# FOUNDERS



**HERVÉ POCHAT**

**CEO**

Expert dev.& MEDTECH  
Innovation & Business



**Dr STÉPHANE BESNARD**

Balance & Motion Sickness  
Medecin Expert Spatial  
Director UR VERTEX



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Expert Aéronautique

# STRATEGIC BOARD



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**Board Member**

Manager projet IT  
Website

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## AWARDS & LABEL



## INCUBATORS



normandie  
incubation



## PARTNERS





# ENTER in the 4D Sensory – VR Generation



**Simulators and VR Technology  
Motion & Cyber Sickness Countermeasures  
based on the best Neuroscientific Advances**

**WELCOME AT OUR SHOWROOM at DSC**



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