

Frottement et corrosion

Développement de technique de mesure

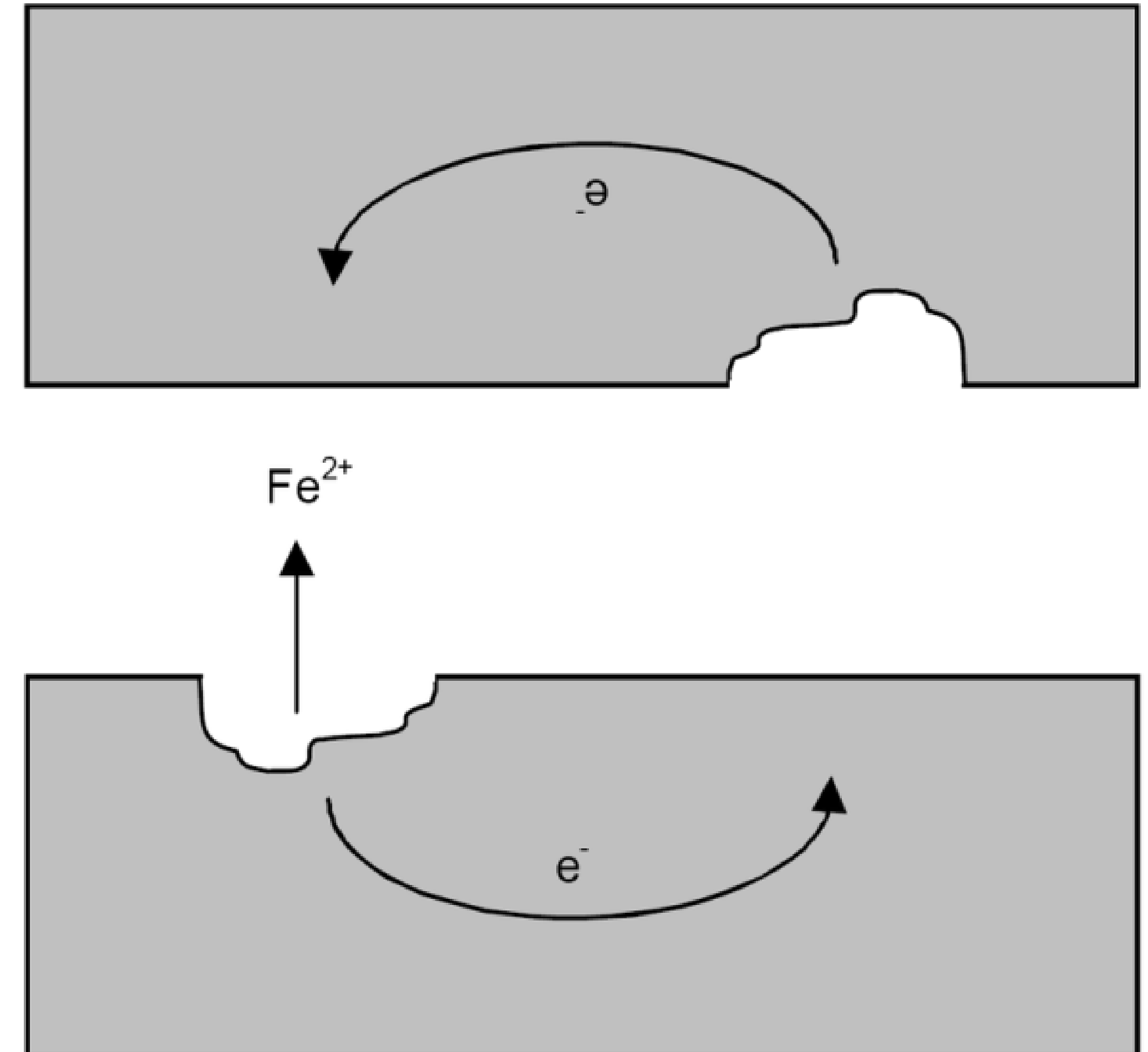
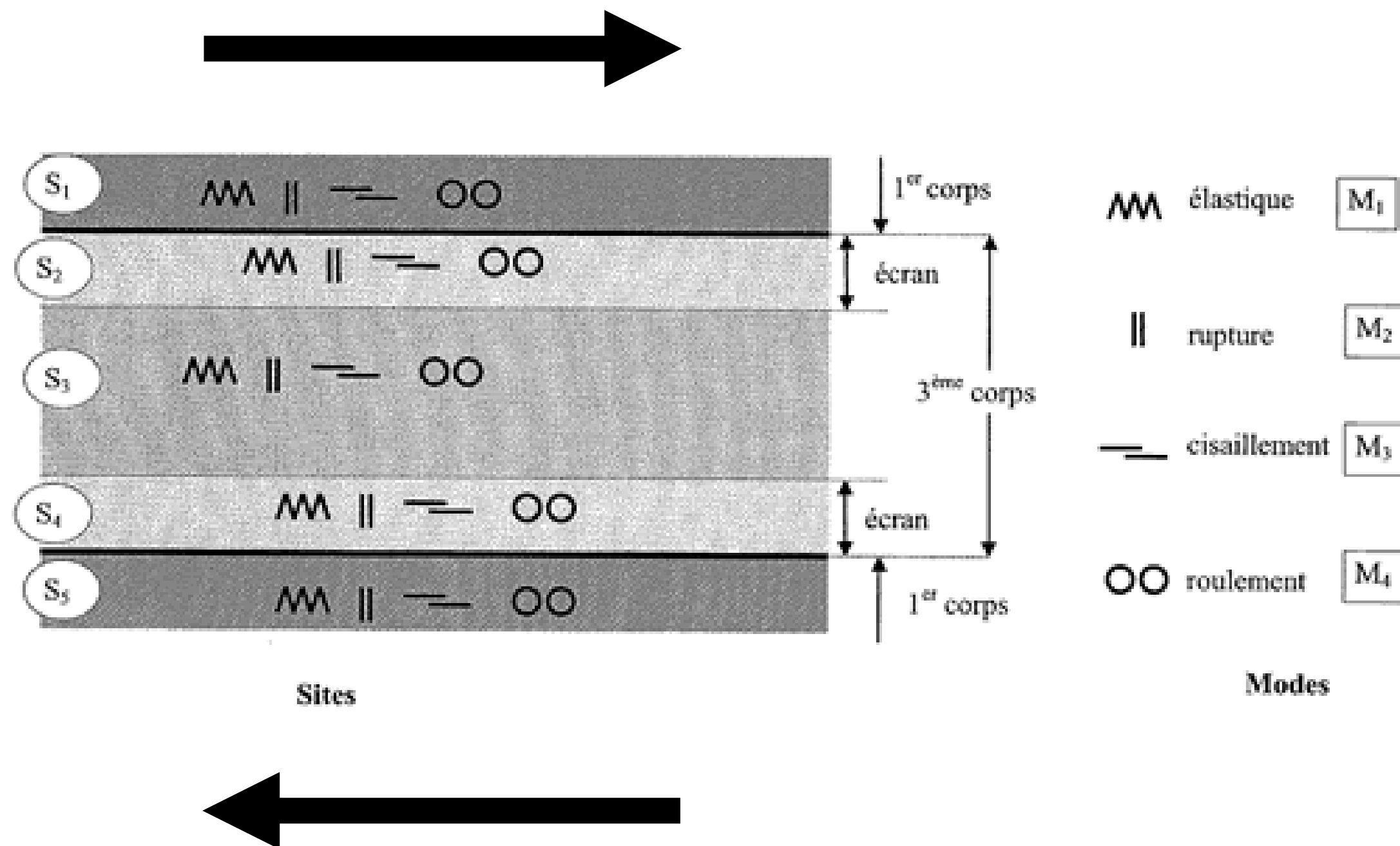
Giovanni Mangano
Angara Technology

Eric Rosset
HES-SO//Genève - HEPIA

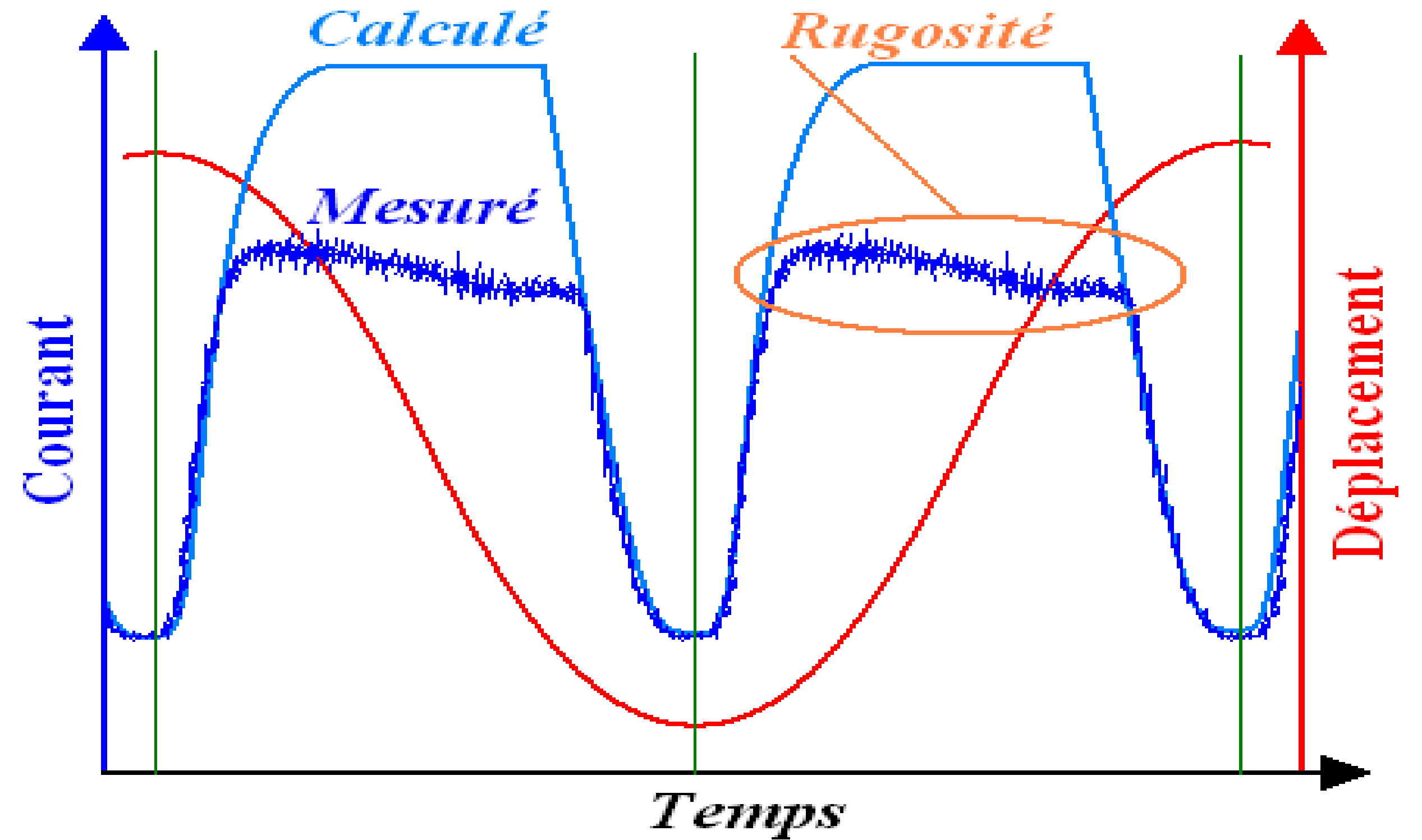
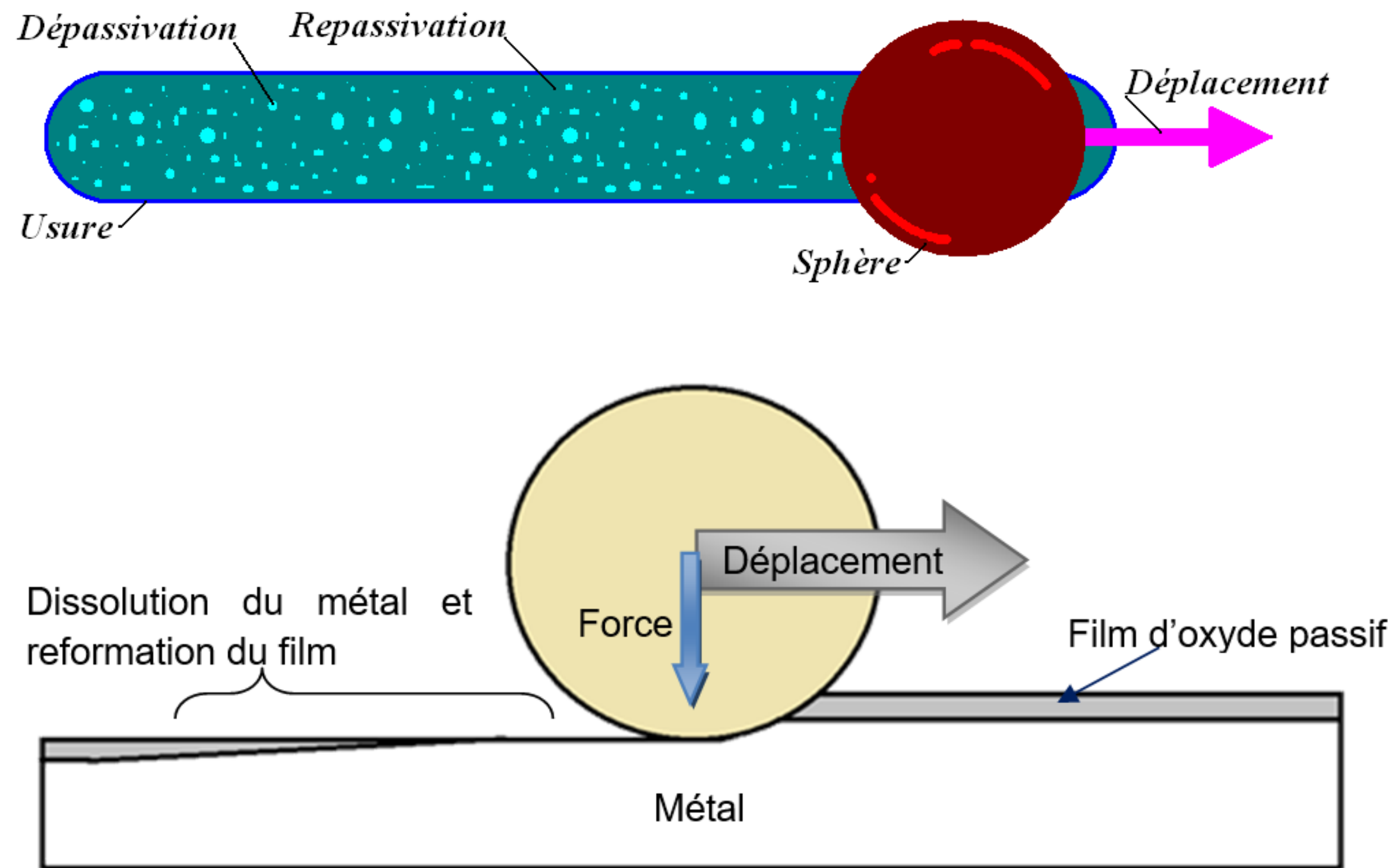
Salon EPHJ, 15 septembre 2021
Pitch scientifique de l'institut inSTI

L'avenir est à créer

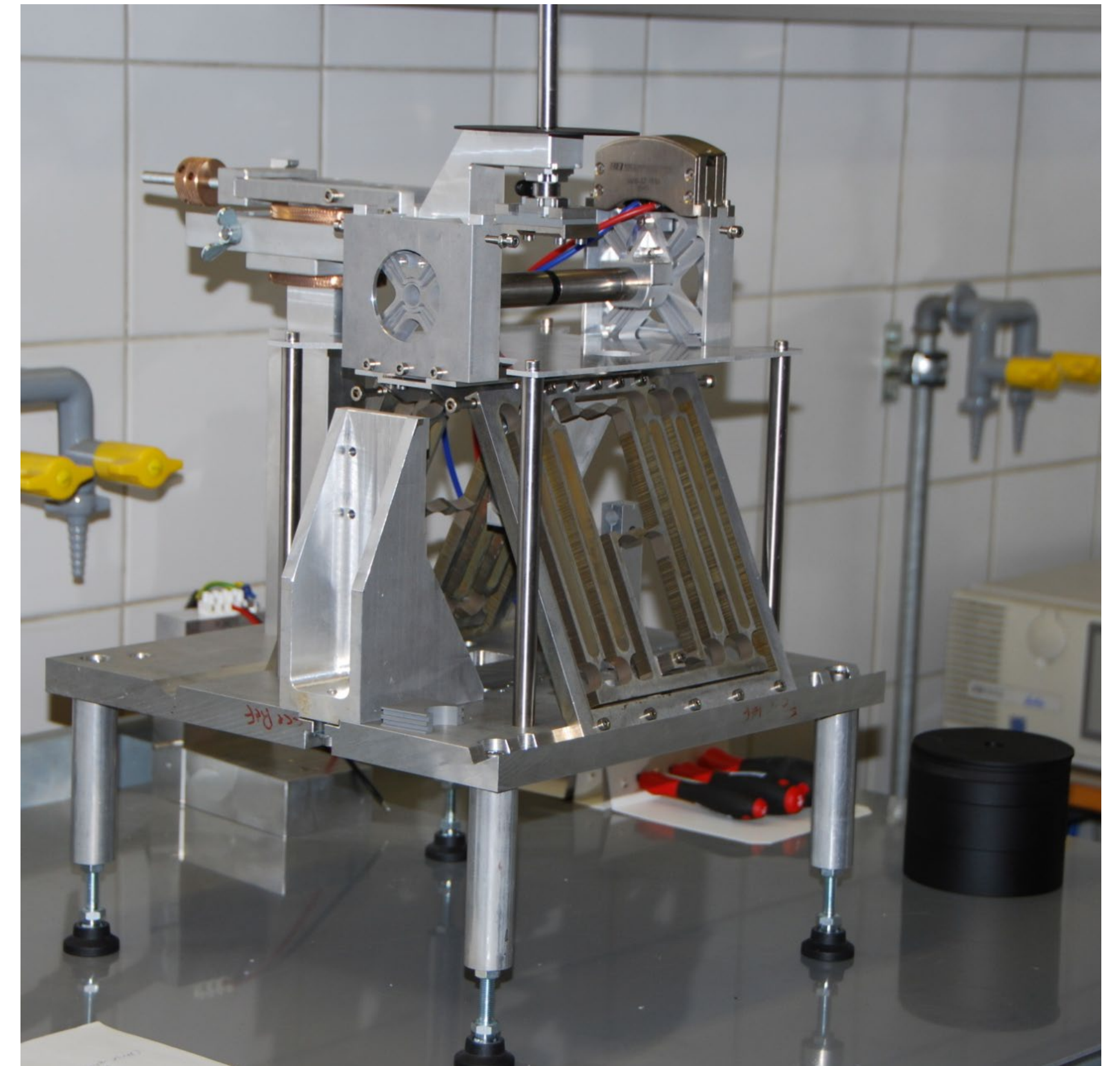
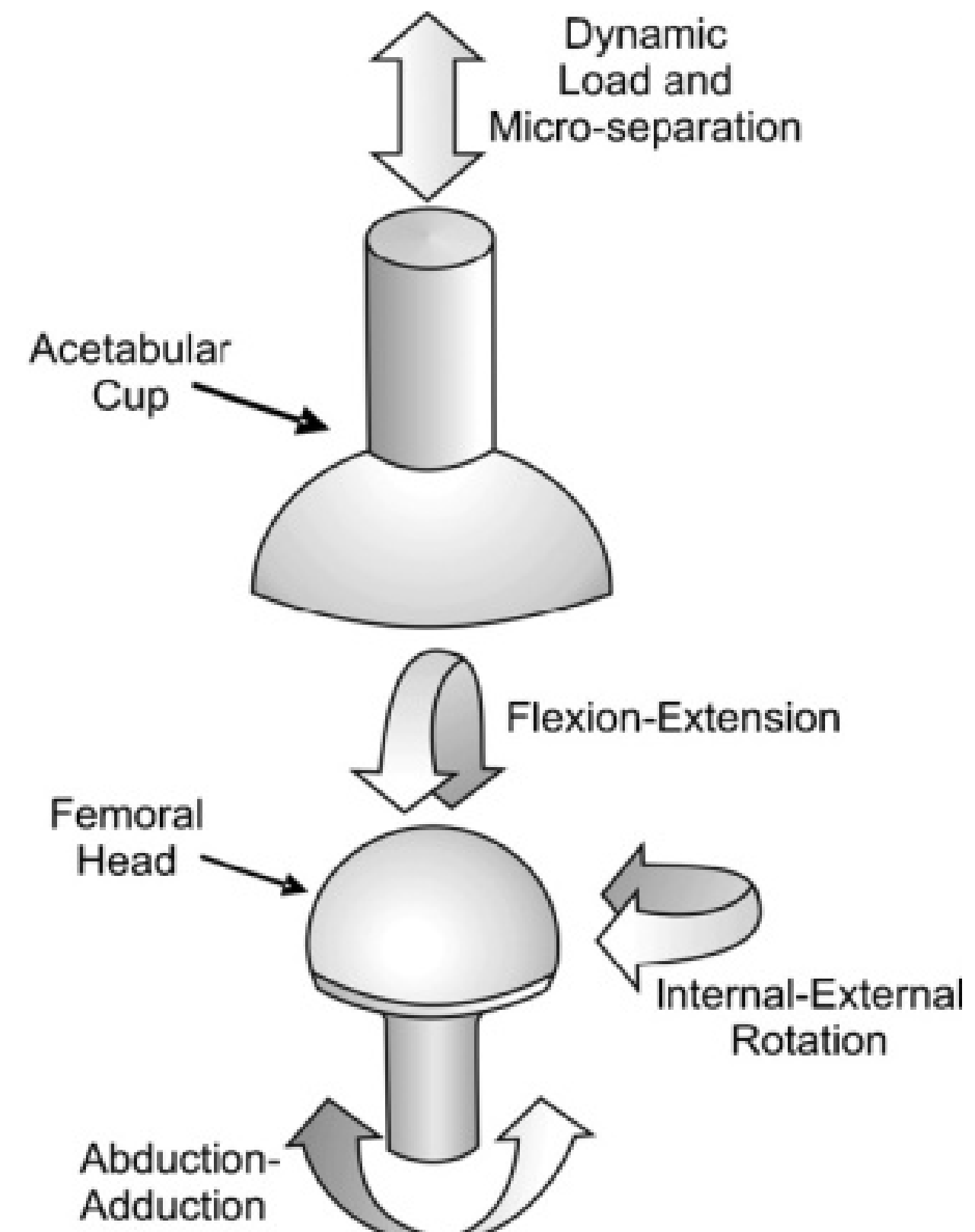
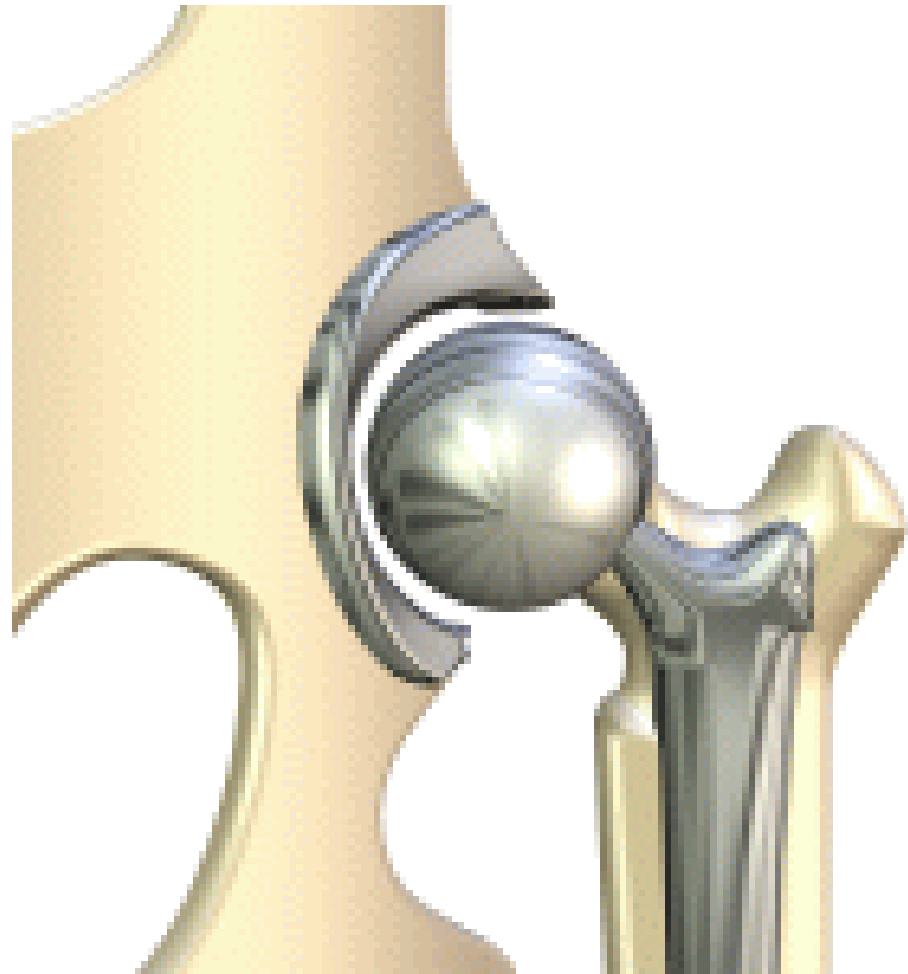
Frottement et corrosion



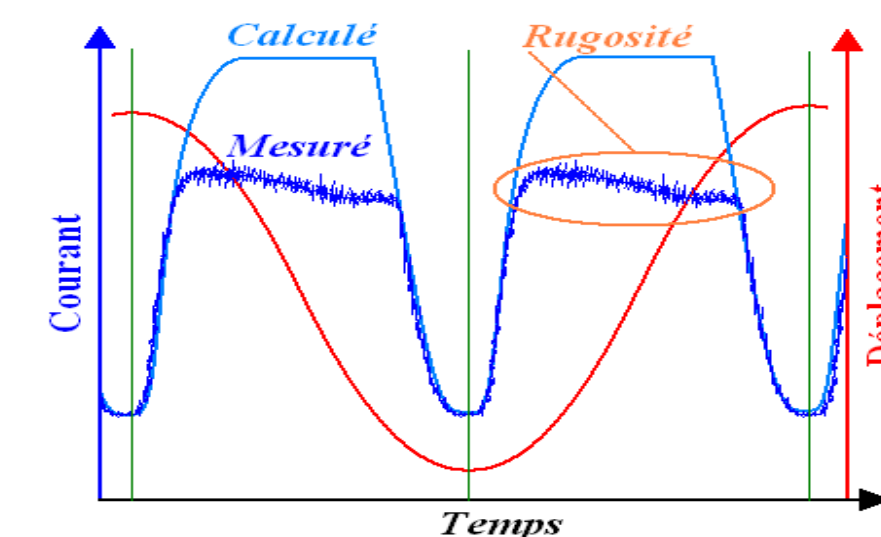
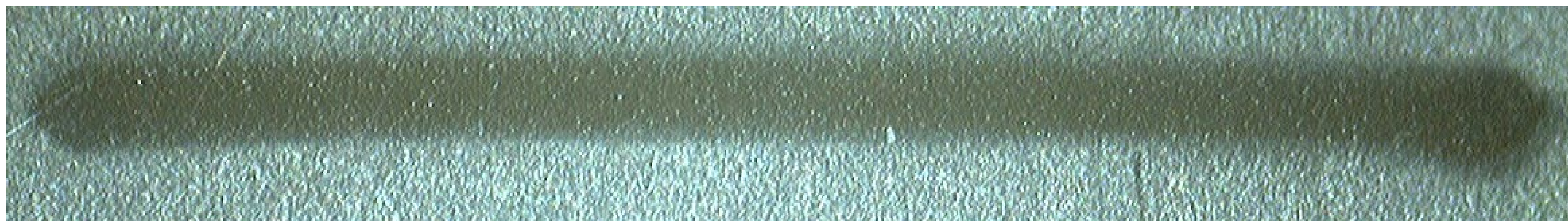
Frottement et corrosion



Frottement et corrosion - tribocorrosimétrie

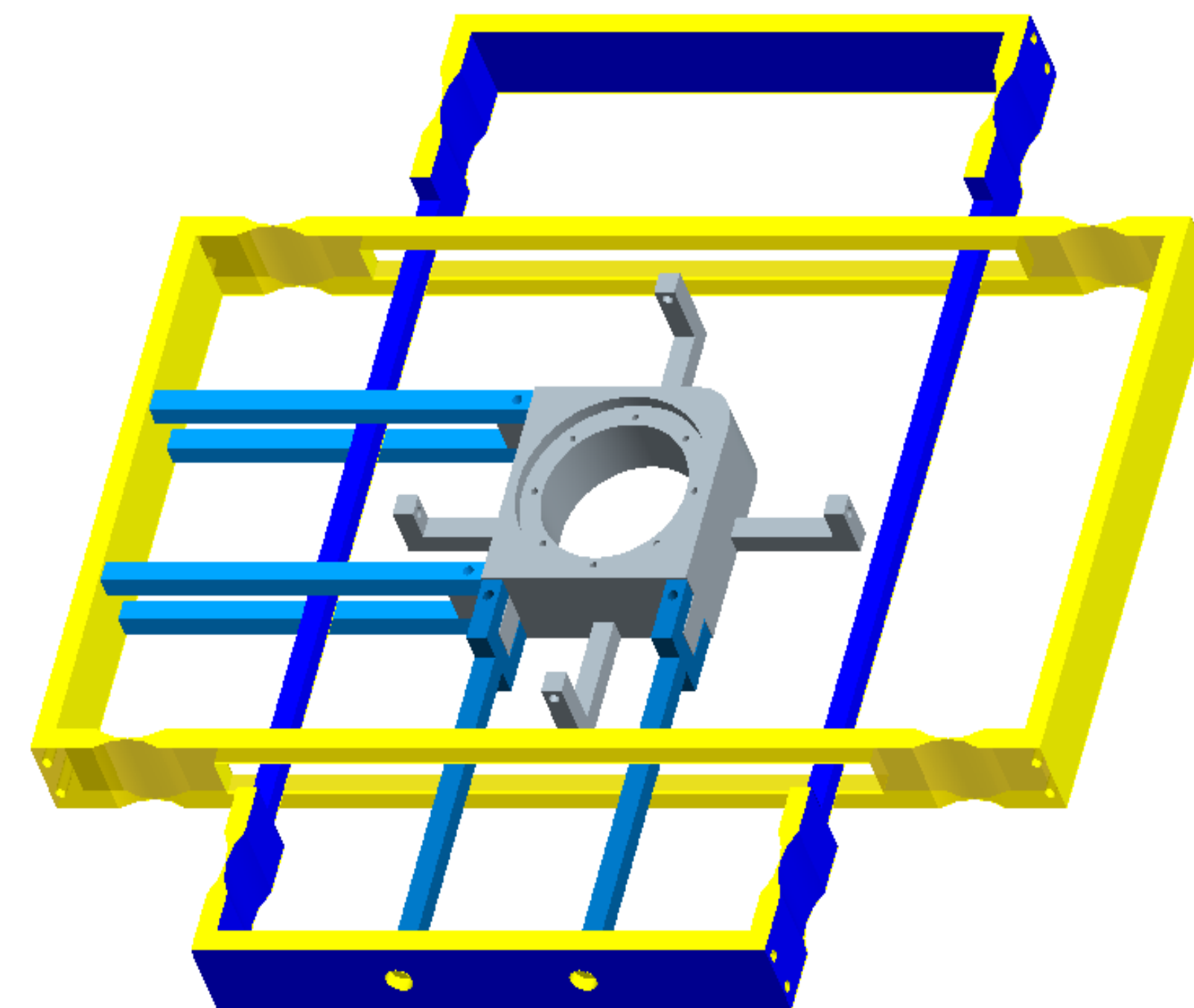


Frottement et corrosion – Tribocorrosimétrie 2.0



Défis

1. Tribométrie XY
2. Lier déplacement & Potentiel électrochimique

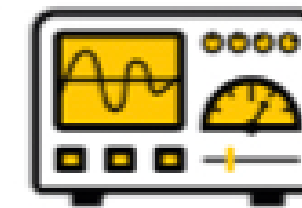


Projet Collaboratif

Tribocorrosimètre

**Custom Development**

From low-level device driver development to advanced data acquisition systems using standard communication protocols

**RF Design and Test**

Design of RF control systems, both hardware and software

**Test Systems**

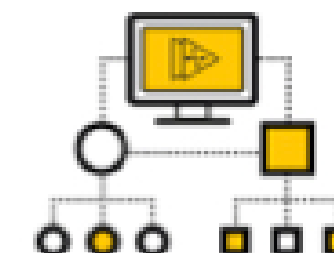
From proof of concept to full feature prototype for hardware and software

**Quality Inspection**

Development of custom solutions, including image acquisition, lighting and image analysis

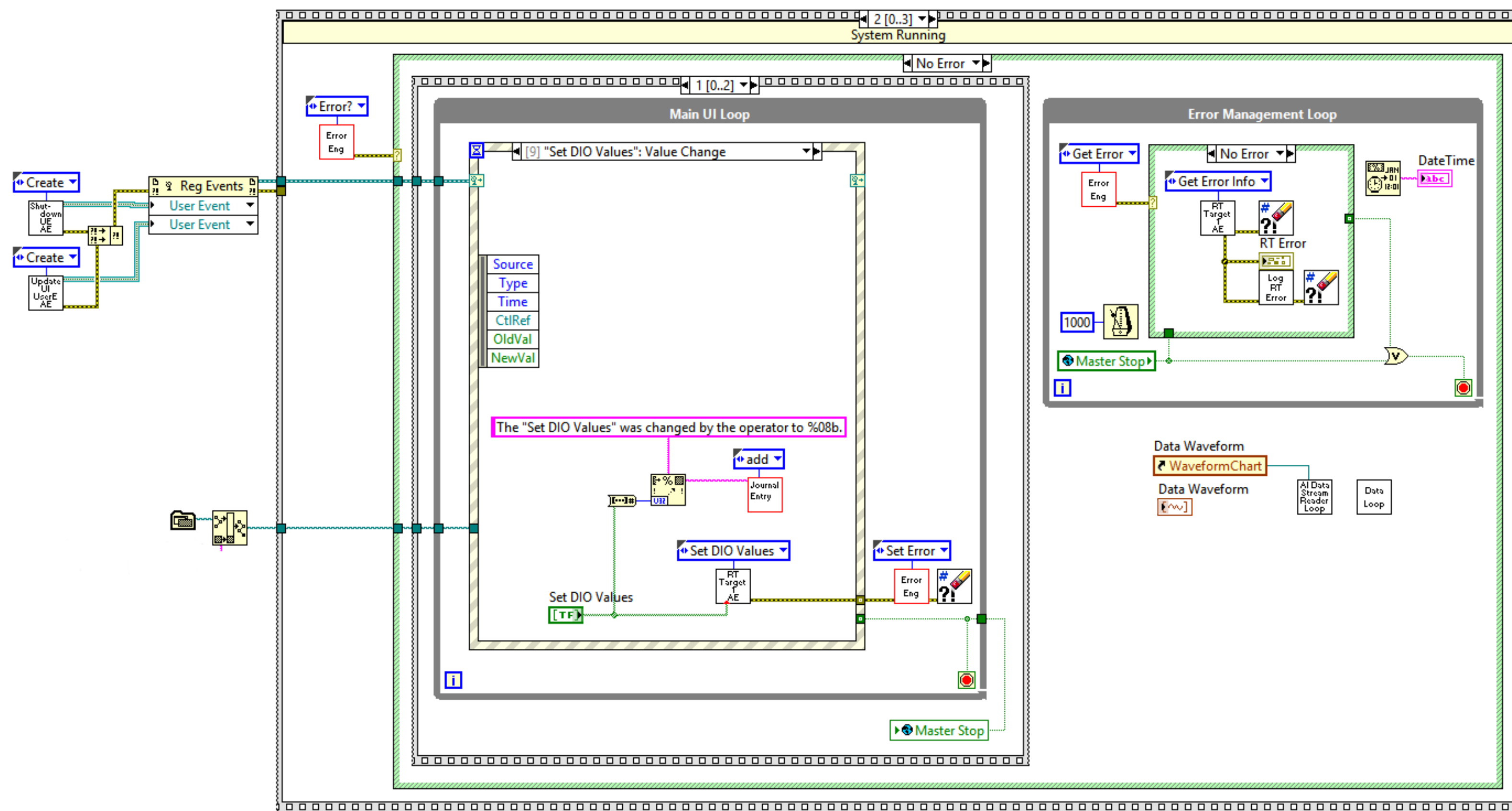
**Training**

Training for software engineering management and LabVIEW by certified professional instructors

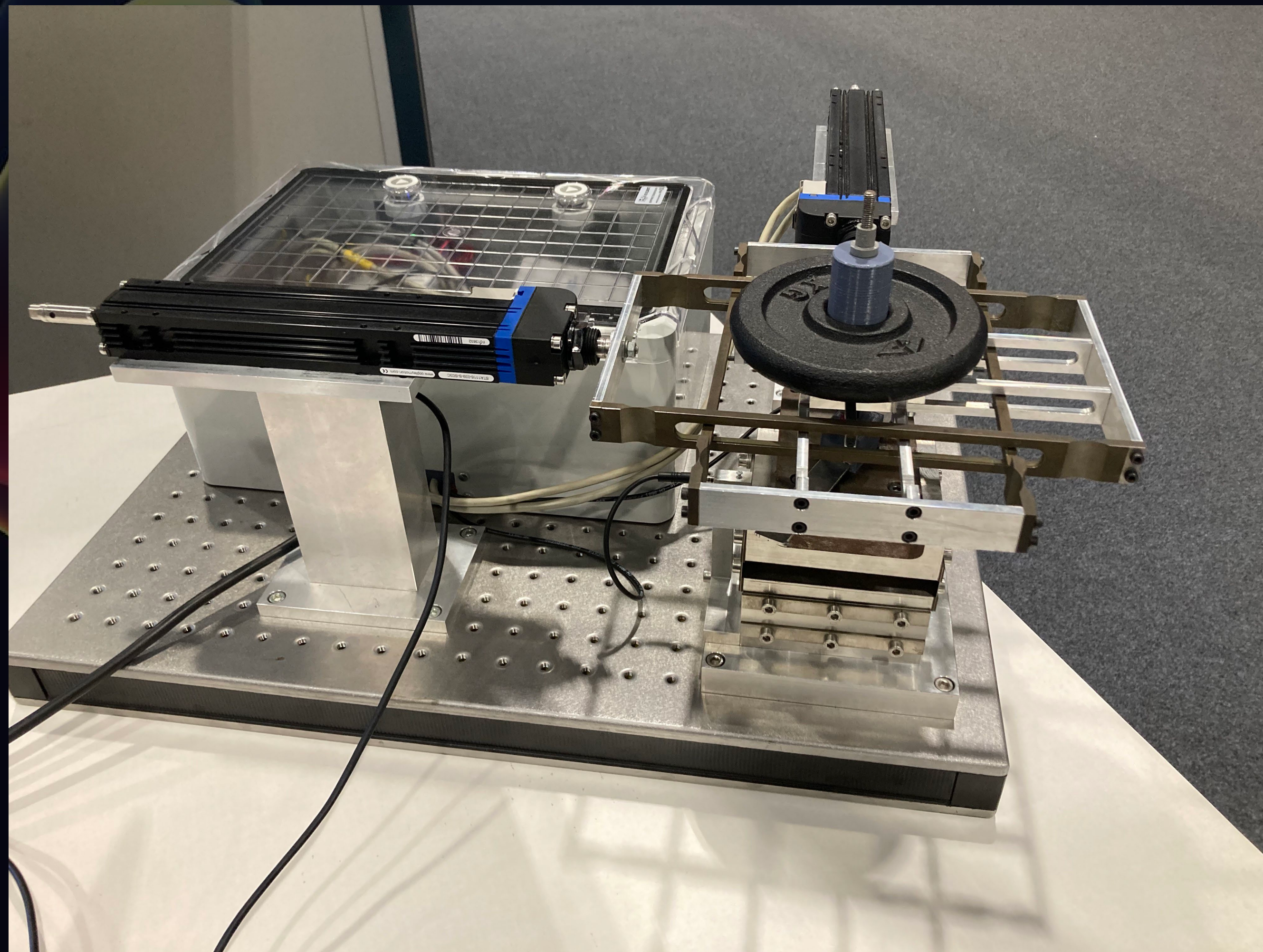
**Industry 4.0**

From LabVIEW-specific options to open-source, platform-independent alternatives such as EPICS or OPC UA

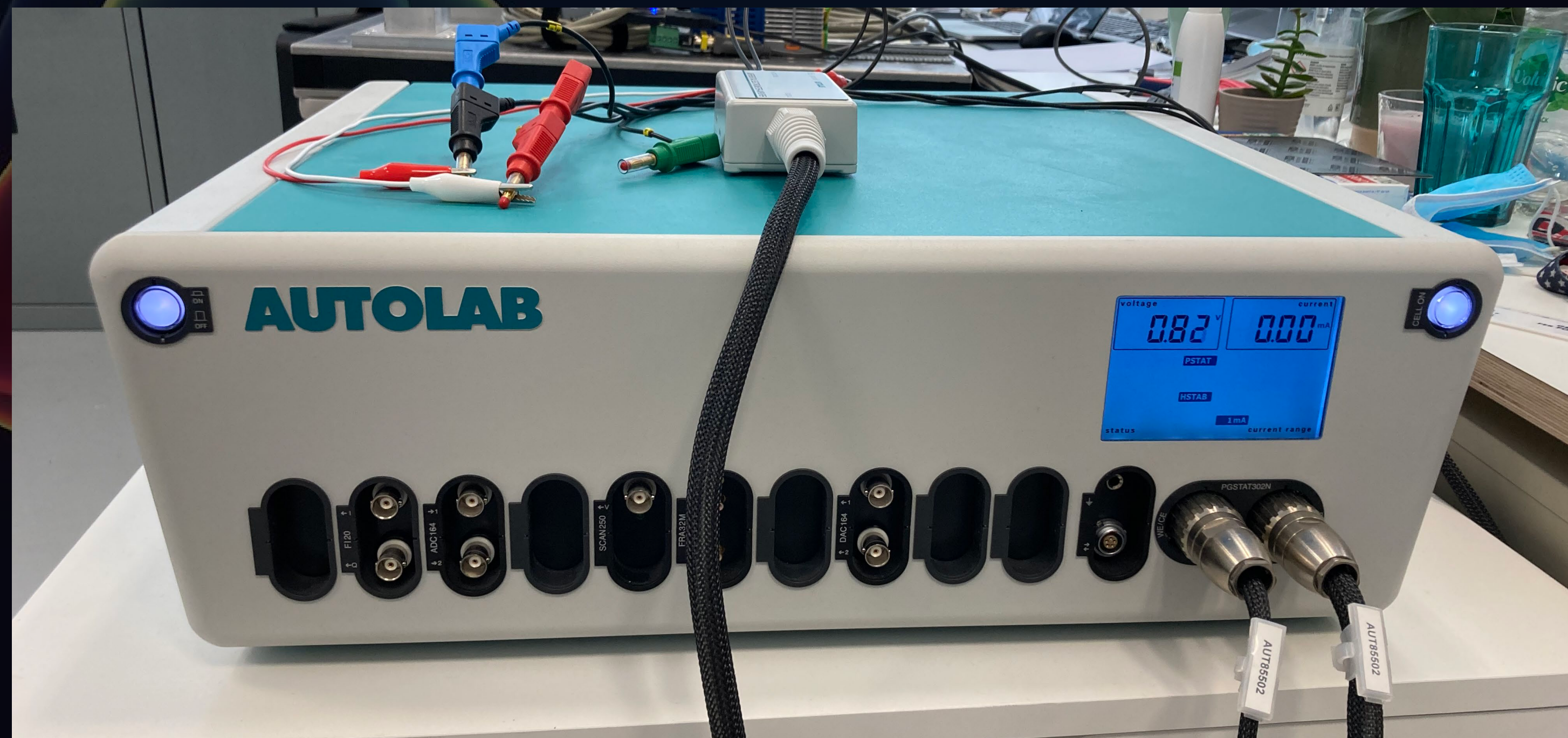
Introduction à LabView



Tribocorrossimètre



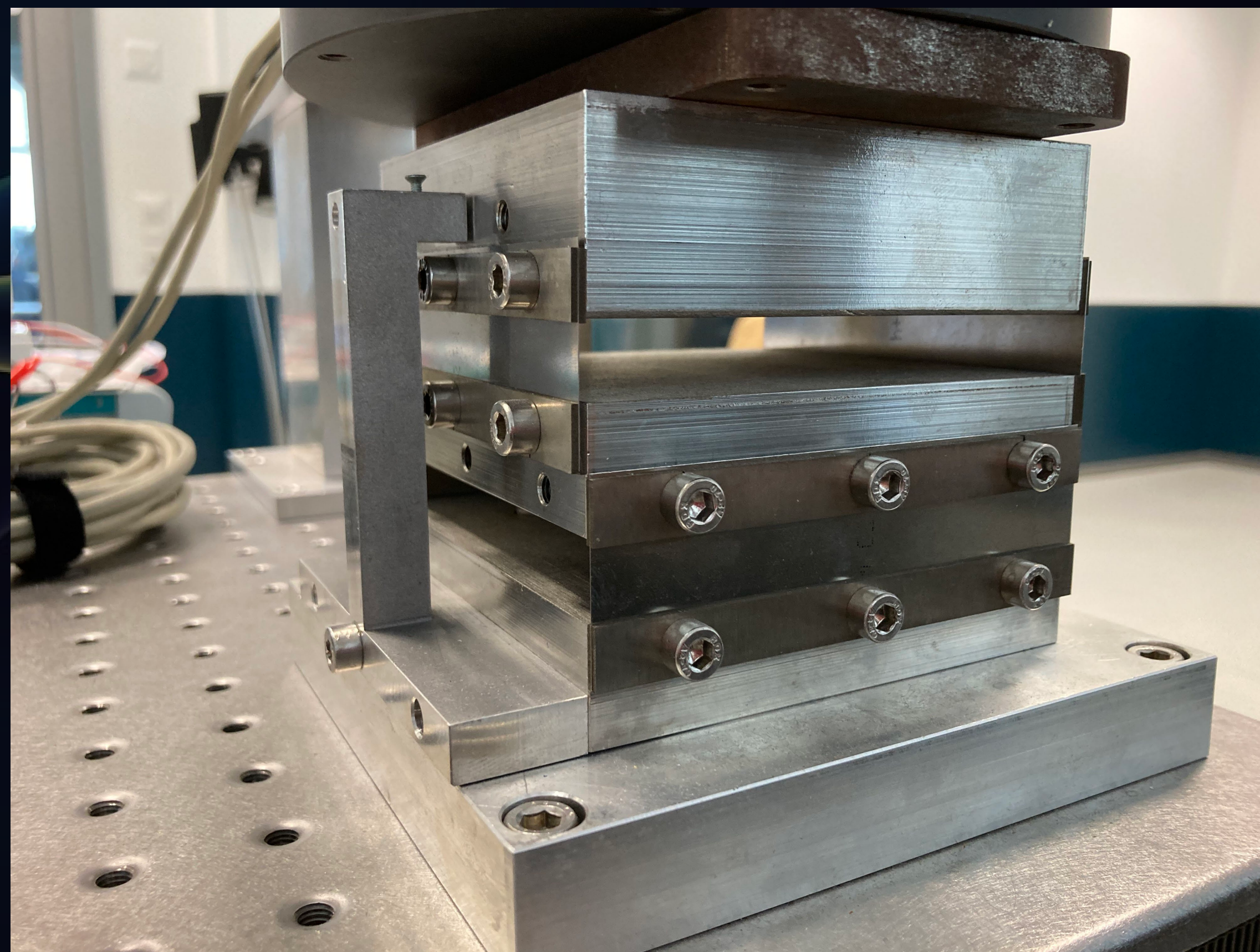
Tribocorrosimètre



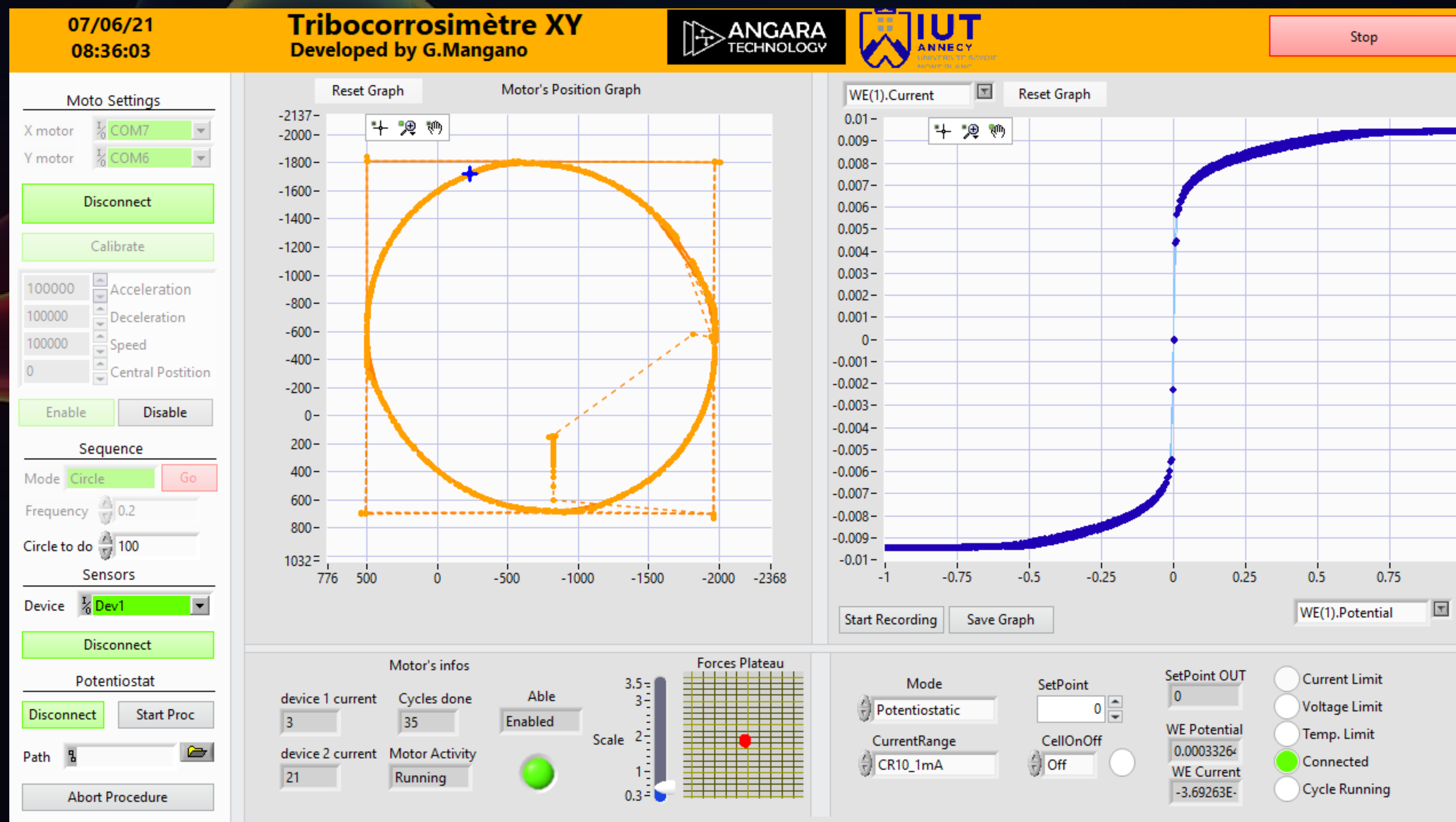
Tribocorrosimètre

h e p i a

Haute école du paysage, d'ingénierie
et d'architecture de Genève



Tribocorrosimètre



Merci de votre attention!