Scandinavian Preliminary Workshop Plan

DAY ONE
09:00 AM– 17:00 PM

Morning

9:00 AM to 9:15 AM Registration & Welcome Presentation

9:30 – 10:30 AM LECTURE 1
Adrian and Nathan - Introduction to Electrochemical for Sensors
Q&A Session
15 minutes

10:45 AM ADVANCED LABORATORY 1
Martin and Andre - Getting to know the Software and Harware – split into groups – orange juice and salty water **11:55 AM**

12:00 PM – 13:00 PM LUNCH

Afternoon

13:15 – 2:15 LECTURE 2
Adrian and Nathan Introduction to Voltammetry for Sensors
Q&A Session

2:15 PM 4:00 PM ADVANCED LABORATORY 2 – Getting to know voltammetry
Martin and Sarah - Introduction to Analysis – Chilli Detection as example – Cyclic voltammetry

BREAK 4:00 PM gto 4:15

4:15 LECTURE 3
Adrian and Nathan Electrochemical Sensors: Principles and Deployment
Q&A Session

4:30 PM 5:00 PM Summary & Discussion
Martin, Nathan and Adrian

DAY TWO

09:00 – 17:00

Morning

9:15 AM 10;30 LECTURE 4
Adrian and Nathan - Advanced Voltammetry
Q&A Session

Break – 10:30 -10:45

10:45 – 11:45– POTASSIUM
12:00 PM – 13:00 PM lunch

LECTURE 5
Adrian and Nathan - Introduction to Hydrodynamic and Microelectrodes
Q&A Session

10:30 AM – 11:00 AM Discussion Break

LECTURE 6
Advanced Electrochemical Sensors **(Glucose, Lactose)**
Q&A Session

12:00 PM 1:00 PM LUNCH

1:00 PM – 2:00 PM – Fundamentals and microfluidics

2:15 – AMPEROMETRIC

ADVANCED LABORATORY 4 (Oxygen)
Andre, Martin and Sarah - Electrochemical Sensors – Design yoru onw sensor, each group will be given an analyte/sample to detect and they have to design a way to do it: salt, orange juice, acetaminophen, food colouring, and tobasco sauce

4:30 PM – 5:00 PMSummary & Closing Discussion