Session 1: Introduction to Nanopore: Principles, Updates, and Bioinformatics (9 April)	Speakers	Hours
ECDC introduction and rules of conduct	**Dr. Priyanka Nannapaneni (ECDC, Sweden)**	09:30 – 09:40

A. Introduction to Nanopore Technology (60 min)
    o Brief introduction to sequencing
    o Overview of the Biomics platform
    o The basics of Nanopore sequencing
    o Applications of Nanopore sequencing
    o Challenges and future directions
    o Q&A
	Dr. Chloé Baum (IP, France)	09:40 – 10:40

Coffee break		10:40 – 10:50

B. Assembling Nanopore data — Practical Exercises (60 min)
    o Quality control of FASTQ files
    o Introduction to genome assembly with Nanopore data
    o Introduction of tools to process and analyze Nanopore data
    o Q&A
	Ms. Rania Ouazahrou (IP, France)	10:50 – 11:50

Conclusion		11:50 – 12:00
Session 2: Applications to Virology and Bacteriology (11 April)		
ECDC introduction and rules of conduct	**Dr. Priyanka Nannapaneni (ECDC, Sweden)**	09:30 – 09:40

A. Correction of the Practical Exercises
    o Assembly results and quality control of FASTA files
    o Q&A
	Ms. Rania Ouazahrou (IP, France)	09:40 – 10:10

Coffee break		10:10 – 10:20

B. Outbreak tracking of respiratory virus in the field (example of the Avian flu)
    o How Nanopore technology is used for the outbreak tracking and pathotyping of respiratory viruses in the field (e.g: Influenza virus)
    o Nanopore sequencing for metagenomic studies
    o Q&A
	Dr. Guillaume Croville (National Veterinary School of Toulouse, France)	10:20 – 11:00

Coffee break		11:00 – 11:10
C. State-of-the-art – Literature on ONT Sequencing Applied to Food Safety. (30 min) o Q&A	**Ms. Niamh Lacy-Roberts (DTU, Denmark)**	11:10 – 11:40
Conclusion		11:40 – 11:50