May 30th

**Welcome talk**

**12:00-12:10**

**Session 1: Data science & society**

12:10-13:40

Keith Quille *TUDublin* Investigating the impact of Large Language Models (LLMs) in advanced stages of education **12:10-12:40**

Andrea Heaney *TUDublin* Clinicians’ perceptions of artificial intelligence and data driven tools in a healthcare context **12:40-13:10**

Eugene Hickey *TUDublin* R you Ready- for Interactive Learning **13:10-13:40**

**Lunch break 13:40-15:00**

**Session 2: Statistics**

15:00-16:30

Florian Junge *Hda* The DiscreteFDR Package for Multiple Testing with Discrete Data **15:00-15:30**

Sebastian Döhler *Hda* Improved Adaptive Benjamini Hochberg p-value adjustment prodecure **15:30-16:00**

**Coffee break 16:00-16:30**

Henrik Stahl *Hda* Strategies for identifying subgroups in clinical studies and for correcting selection bias **16:30-17:00**

Houyem Demni *Unicas* On the Detection of Anomalies in Circular Statistics **17:00-17:30**

Giovanni C Porzio *Unicas* Using the Circular Boxplot: a couple hints

**17:30-18:00**

May 31st

**Session 3: Machine learning applications**

10:00-11:30

Tania Malik *TUDublin* AI-Enhanced VPN Security Framework: Integrating Open-Source Threat Intelligence and Machine Learning to Secure Digital Networks **10:00-10:30**

Mathieu Kessler *UPCT* Prediction of soil fungi abundance using CNN and Continous Wavelet Transform **10:30-11:00**

Lukas Klein *Hda* Bias of Machine Learning Classification in the Context of Right-Censored Survival Data – a Simulation Study **11:00-11:30**

**Coffe break 11:30-12:00**

**Session 4: Bioinformatics**

Alberto Gila *UPCT* Built-in biases in the bioinformatic analysis pipeline of gene expression. Possibilities on how to overcome them **12:00-12:30**

**Farewell talk 12:30-12:40**

**Time to discuss colaborations and future editions of the WSDS 12:40….**

**Free time to enjoy Cartagena turist attractions (Roman ruins, Churches, Museums, Sights, Beach, etc)**