



Machine Learning in Bioinformatics

Summer School

24-28 August, 2020

MAIN SPEAKERS



Maria Poptsova,
School Chair,
HSE University



Evgeny Burnaev,
Skoltech



Eunice Weathers,
Imperial College London



Yaron Orenstein,
Ben-Gurion University



Jose Miguel Hernandez
Lobato,
University of Cambridge



Aleksandra Galitsyna,
Skoltech



Wesley De Neve,
Ghent University



Matthias Heinig,
Helmholtz Zentrum
München



Ka-Chun Wong, City
University of Hong Kong



Vsevolod Makeev,
Moscow Institute of
Physics and Technology



Wojciech Samek,
Fraunhofer Heinrich
Hertz Institute

The school became a highlight of summer 2020. Lectures and seminars of the school covered various examples of applying ML to biological data and were delivered by the leading experts in the field. During the lectures basic concepts of ML were accompanied with more advanced techniques of data analysis, such as noise reduction, dealing with imbalanced datasets, overtraining. Warm and open atmosphere between participants and organisers of the school worth a special word.



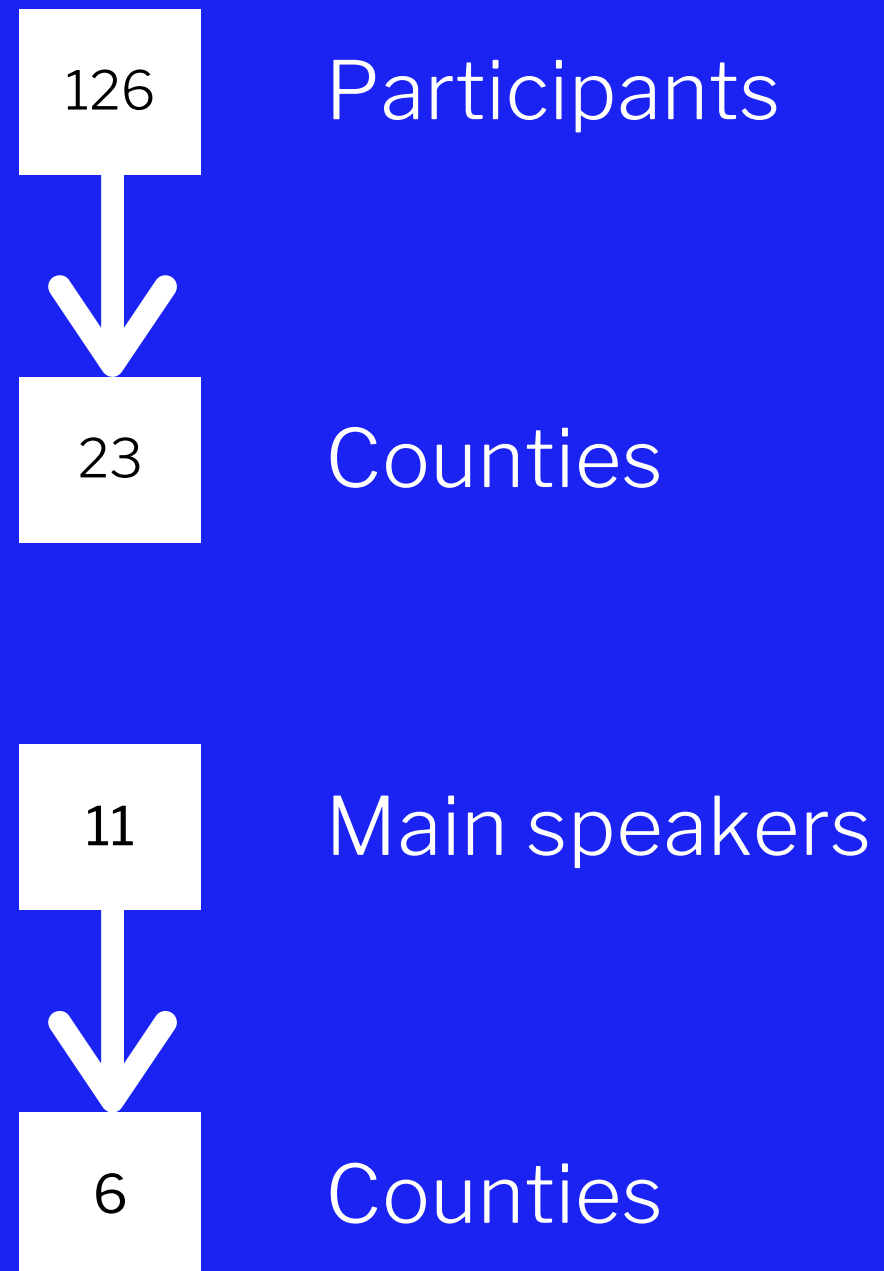
**Marina Parr,
Participant**



**Aymane Kricha,
Participant**

I was delighted to attend the HSE bioinformatics summer school. During five days I had the privilege to explore significant novelties and Breakthroughs in the machine Learning field and its application in Biology. Coming from a bioengineering background I was especially astonished by Pr. Ka-Chun Wong's (City University of Hong Kong) talk on "Disruptive AI technologies for molecular biology and medicine: DNA motifs, CRISPR-Cas9 Off-Targets, and cancer screening from blood", during his presentation I discovered a potential solution for a genuine problem in my research concerning Crispr Cas off-target.

STATISTICS





CONTACT US

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TELEGRAM CHANNEL

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