

Bioinformatics Projects

Thursday December 7th 2017

13.30 – 15.00

Room 401

13.30 *K-mers Similarity on Massive Datasets.*

by Leonidas Sfyris

13.40 *Applying Decision Trees to Variant Call Format (vcf) Data.*

by Zhu Min

13.50 *Predicting Energy Expenditure using Accelerometry Data.*

by Mats Perk

14.00 *Shape Description and Analysis of Zebrafish Larvae from In Vivo High-Throughput Imaging.*

by Nathan Hoogendorp

14.10 **Break**

14.20 *Secondary Structure Models for RNA Viruses*

by Allan Zammit

14.30 *Bioinformatics Internships in LUMC*

by Ruifang Li

15.00 **Closing**

Audio Processing and Indexing 2017

Technical Paper Session

Thursday November 16th 2017

15.30 – 17.05

Room H207

15.30 *The Opus Codec (2013)*

by Koen Putman

15.50 *Sample-Level Deep Convolutional Neural Networks for Music Auto-Tagging Using Raw-WaveForms (2017)*

by Joost Nibbeling

16.10 **Break**

16.25 *A Target Guided Subband Filter for Acoustic Event Detection in Noisy Environments Using Wavelet Packets (2015)*

by Ruben van der Waal

16.45 *Musical Instrument Recognition in Polyphonic Audio using Source-Filter Model for Sound Separation (2009)*

by Giorgos Kyziridis

17.05 *A Hybrid Gaussian-HMM-Deep-Learning Approach for Automatic Chord Estimation with Very Large Vocabulary (2016)*

By Francesco Bortolussi

17.25 **Closing**