** Thematic Research Training 2018-2019**

**Artificial Intelligence/ Machine Learning (AI/ML) group**

**Chair: Dr Ramon Grima**

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| **Session 1: “An Introduction to Supervised and Unsupervised Learning Methods for Biologists using Python”** | **Session 2: “Deep Artificial Neural Networks and their application in biology” (TBC)** | **Session 3: “Bayesian approaches to ML”** | **Session 4: “ML for image processing”** |
| **Session leaders (local organisers)**Dr Ramon Grima; professor Manfred AuerRamon.Grima@ed.ac.ukmanfred.auer@ed.ac.ukRandeep Samrar.samra@sms.ed.ac.uk | **Session leaders (local organisers)****Host Supervisors:**Dr Ramon Grima, Dr Edward WallaceRamon.Grima@ed.ac.ukEdward.Wallace@ed.ac.uk**Student(s) name:****Student(s) email:** | **Session leaders (local organisers)****Host Supervisors:**Dr Ramon Grima, Dr Edward Wallace and professor Manfred AuerRamon.Grima@ed.ac.ukEdward.Wallace@ed.ac.ukmanfred.auer@ed.ac.uk**Student(s) name:****Student(s) email:** | **Session leaders (local organisers)****Host Supervisors:**Dr Ramon Grima, Dr Edward Wallace and professor Manfred AuerRamon.Grima@ed.ac.ukEdward.Wallace@ed.ac.ukmanfred.auer@ed.ac.uk**Student(s) name:****Student(s) email:** |
| **Programme** available.**Date**: 14 December 2018, 10:30-17:30**Location**: Edinburgh, King's Buildings, G.69 Joseph Black | **Programme** TBC.**Date**: February 2019**Location**:  | **Programme** TBC.**Date**: April 2019**Location**: Edinburgh | **Programme** TBC.**Date**: June 2019**Location**: Edinburgh |

**Meetings’ format**: a theoretical tutorial followed by a practical hands-on workshop