** 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 Auer  [Ramon.Grima@ed.ac.uk](mailto:Ramon.Grima@ed.ac.uk)  [manfred.auer@ed.ac.uk](mailto:manfred.auer@ed.ac.uk)  Randeep Samra  [r.samra@sms.ed.ac.uk](mailto:r.samra@sms.ed.ac.uk) | **Session leaders (local organisers)**  **Host Supervisors:**  Dr Ramon Grima, Dr Edward Wallace  [Ramon.Grima@ed.ac.uk](mailto:Ramon.Grima@ed.ac.uk)  [Edward.Wallace@ed.ac.uk](mailto:Edward.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 Auer  [Ramon.Grima@ed.ac.uk](mailto:Ramon.Grima@ed.ac.uk)  [Edward.Wallace@ed.ac.uk](mailto:Edward.Wallace@ed.ac.uk)  [manfred.auer@ed.ac.uk](mailto:manfred.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 Auer  [Ramon.Grima@ed.ac.uk](mailto:Ramon.Grima@ed.ac.uk)  [Edward.Wallace@ed.ac.uk](mailto:Edward.Wallace@ed.ac.uk)  [manfred.auer@ed.ac.uk](mailto:manfred.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