** 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: “An introduction to Bayesian Inference and PyStan for biologists”** | **Session 3: “Biological and biomedical AI/ML approaches”** | **Session 4: “Deep Learning”** |
| **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)**  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)  Sam Haynes  S.J.Haynes@sms.ed.ac.uk | **Session leaders (local organisers)**  **Host Supervisors:**  Dr Ramon Grima  [Ramon.Grima@ed.ac.uk](mailto:Ramon.Grima@ed.ac.uk) | **Session leaders (local organisers)**  **Host Supervisors:**  Dr Wei Pang  [pang.wei@abdn.ac.uk](mailto:pang.wei@abdn.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** available.  **Date**: 22 February 2019, 10:00-17:00  **Location**: Edinburgh, King’s Buildings, James Clerk Maxwell Building 4325D (Computer Lab) | **Programme** available.  **Date**: 20 May 2019, 10:30 (11:00 start)-15:30  **Location**: Edinburgh, King’s Buildings, Hudson Beare Building - Classroom 7 | **Programme** TBC.  **Date**: June 2019  **Location**: Aberdeen |

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