** 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 AuerRamon.Grima@ed.ac.ukmanfred.auer@ed.ac.ukRandeep Samrar.samra@sms.ed.ac.uk | **Session leaders (local organisers)**Dr Ramon Grima, Dr Edward WallaceRamon.Grima@ed.ac.ukEdward.Wallace@ed.ac.ukSam HaynesS.J.Haynes@sms.ed.ac.uk | **Session leaders (local organisers)****Host Supervisors:**Dr Ramon GrimaRamon.Grima@ed.ac.uk | **Session leaders (local organisers)****Host Supervisors:**Dr Wei Pangpang.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