

## Interactive course on characterization, management and exploitation of genomic diversity in animals

**Dates: 15-61 October 2018**

**Venue:** Orion (Building 103), Wageningen Campus, Room: PC4051 (4<sup>th</sup> floor)

**Teachers:**

- Hendrik Jan Megens (HJM), Animal Breeding and Genomics, WUR, Netherlands
- Jack Windig (JW), Animal Breeding and Genomics, and Centre for Genetic Resources, Netherlands
- Mirte Bosse (MB), Animal Breeding and Genomics, WUR, Netherlands
- Gabor Meszaros (GM), University of Natural Resources and Life Sciences, Austria
- Steffen Weigend (SW), Friedrich Loeffler Institute, Germany
- Michèle Tixier-Boichard (MT), French National Institute for Agricultural Research, France

	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
9:00-10:30	Welcome (AB/JW) intro Linux and HPC Lecture (GM) Intro genomic diversity	Lecture (SW) diversity across breeds	Lecture (MB) adaptive introgression	Lecture (JW) Optimal contribution	Lecture (JW) management small populations
10:30-11:00	Coffee	Coffee	Coffee	Coffee	coffee
11:00-12:30	Lecture (GM) Measures of genomic diversity	Lecture (SW) introgression	Lecture (HJM) functional genomics	Lecture (MT) Building gene bank collections	Exercise (JW) management small populations
12:30-13:30	Lunch	Lunch	Lunch	Lunch	lunch
13:30-15:00	Exercise (GM) measures of genomic diversity	Exercise (SW) Structure	Exercise (HJM) functional genomics	Exercise (JW) prioritization for conservation	Group presentations
15:00-15:30	Coffee	coffee	Coffee	coffee	coffee
15:30-17:30	Pitches (GM,SW,MB,HJM,JW)	Group work	Group work	Group work	Group presentations
Evening	Pizza night + forming groups		Seminar/ discussion (MT) what diversity to manage?	Course Dinner	