

The application of population genomics to fisheries management

Workshop Programme

Monday 8th May 2017

09:30 – 10:00	Registration and Reception of participants
10:00 – 10:15	Welcome address and housekeeping
10:15 – 11:00	STEFANO MARIANI. Stock identification in the genomic era: paradigm shift or missed opportunity?
11:00 – 11:30	Coffee-break
11:30 – 12:15	SHAWN NARUM. Integrating Genomics with Fisheries Conservation and Management in the Columbia River, USA.
12:15 – 12:35	TORILD JOHANSEN. Real time regulation of coastal fisheries in a protected fjord based on genetic monitoring.
12:35 – 14:00	Lunch
14:00 – 14.15	Point of order
14:15 – 15.00	NAIARA RODRIGUEZ-EZPELETA. Connectivity and traceability in mackerel and bluefin tuna: providing advice and tools for management.
15:00 – 15:20	SAMANTHA A. HOOK. One fin too many; using DNA barcoding to identify illegal, unreported and unregulated chondrichthyan fishing in Morocco.
15:20 – 15.40	RITA CASTILHO. Expected benefits of population genomics of European anchovies.
15:40 – 16.15	Coffee-break
16:15 – 17.15	Open floor discussion
17:15 – 17:45	Poster session

Tuesday 9th May 2017

09:40 – 09:50	House keeping
09:50 – 10:00	Rapporteur summary
10:00 – 10:45	IAN R. BRADBURY. Promises, promises: The emerging field of fisheries genomics.
10:45 – 11:05	SABRINA LE CAM. RAD genotyping to investigate fine scale population structure delineation of the Thornback ray (<i>Raja clavata</i>) in the North East.
11:05 – 11:30	Coffee-break
11:30 – 12:15	CINDY LAWLEY. Applications for genetic tools in Aquagenomics: Fisheries, Aquaculture and Water sampling.

12:15 – 12:35	TOM JENKINS. The utility of SNP panels in the population genomics era: applications in fisheries management.
12:35 – 14:00	Lunch
14:00 – 14.15	Point of order
14:15 – 14.50	FLORIAN GRAEDLER. From microarrays to Next Generation Sequencing: Genomics tools revolutionize science.
14:50 – 15:20	MARK COULSON. Development of optimal molecular markers of domestication in Atlantic salmon for assessing introgression in wild populations.
15:20 – 15.40	PIERRE-ALEXANDRE GAGNAIRE. Revealing fine-scale population structure using introgression signals in the European sea bass.
15:40 – 16.20	Coffee-break
16:20 – 16.40	STEPHEN SABATINO. Conservation genomics of the Eurasian shad (<i>Alosa</i>).
16:40 – 17:00	PANAGIOTIS KASAPIDIS. Global genetic structure of the swordfish (<i>Xiphias gladius</i> , L.) as revealed by microsatellite DNA and ddRAD analyses.
17:00 – 17:50	Open floor discussion

Wednesday 10th May 2017

09:00 – 09:10	House keeping
09:10 – 09:20	Rapporteur summary
09:20 – 10:05	GARY CARVALHO. Genomics and the fishing industry: translating advances into action.
10:05 – 10:25	CLAUDIA JUNGE. Towards synthesized knowledge management and transfer for 'omics' data to better advise fisheries management.
10:25 – 11:10	JANN THORSTEN MARTINSOHN. Fisheries Genomics and the Common Fisheries Policy: A square peg in a round hole?
11:10 – 11:35	Coffee-break
11:35 – 12:30	Final discussion. Closing.
12:30 – 14:00	Lunch
14:00	Bus to downtown Faro. Boat excursion.