



Institute of Fisheries Management

# **Second IFM Tagging and Telemetry Workshop**

## ***The State of the Art***

Edinburgh University.

Edinburgh, Scotland

7<sup>th</sup> – 8<sup>th</sup> June 2016

### **Programme**

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The workshop is kindly supported by:





Institute of Fisheries Management

**Tuesday June 7<sup>th</sup> 10.00 – 17.00**

9.30 – 10.00 Registration and refreshments

<b><i>10.00 – 11.30 Session 1. Tracking of Juvenile Fish</i></b>		
<b>Session Chair: Paul Coulson. IFM</b>		
10.00	<b>Paul Coulson,</b> IFM	Welcome and opening remarks
10.10	<b>Andrew Hinds,</b> Fishtrak Ltd	Tales from the riverbank; a practical review of the processes around tagging fish.
10.30	<b>Matthew Newton,</b> SCENE	Sea-ward migration of Atlantic salmon smolts in the Moray Firth
10.50	<b>Hannele Honkanen,</b> SCENE	Acoustic tracking of Atlantic salmon smolt migration, with emphasis on migration through a large lake
11.10		Further Discussions and Questions
11.20	<b>Break</b>	
<b><i>11.50 – 13.10 Session 2. Monitoring Migration and Passage</i></b>		
<b>Session Chair: TBC</b>		
11.50	<b>Dale Webber,</b> VEMCO	Technology update
12.00	<b>Marcus Walters,</b> Moray Firth Trout Initiative	Tracking migratory brown trout on the River Deveron, Scotland.
12.20	<b>Sergio Silva,</b> Durham University	European River lamprey <i>Lampetra fluviatilis</i> passage efficacy at a tidal barrage using a navigation lock as a novel fish pass
12.40	<b>Nicola Baker,</b> Hull University	River regulation by dams: the effectiveness of artificial freshets to stimulate the spawning migrations of potadromous fishes
13.00		Further Discussions and Questions
13.10	<b>Lunch</b>	

<b>14.20 – 13.20 Session 3. Monitoring Migration and Passage</b>		
<b>Session Chair: TBC</b>		
14.20	<b>Jeroen Bolscher,</b> Oregon RFID	Technology update.
14.30	<b>Robert Brackley,</b> SCENE	The combined use of passive integrated transponder and radio telemetry systems for characterising the passage behaviour of migrating Atlantic Salmon ( <i>Salmo salar</i> L.) at three low-head Archimedean screw hydropower schemes
14.50	<b>Jamie Dodd,</b> Hull International Fisheries Institute	Efficiency of a nature-like bypass channel at Rodley Weir, River Aire.
15.10	<b>Jon Hately,</b> Environment Agency	Trapping or Tracking? Two challenging approaches to assessing the behaviour of silver eels and salmon smolts in a screened artificial channel.
15.30		Further Discussions and Questions
15.40	<b>Break</b>	
16.10	<b>16.10 – 17.00 VEMCO Workshop</b>	

19:15. Workshop Dinner.

*This is a three-course dinner with wine cooked by the excellent team at university*

*Sourcing local, seasonal and sustainable food is important and this is reflected in their food, with as much of the food as possible coming from Scotland*

*The road miles and carbon footprint is kept to a minimum at all times.*



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**Wednesday June 8<sup>th</sup> 10.00 – 15.40**

9.30 – 10.00 Registration and refreshments

<b><i>10.00 – 10.40 Session 4. Using Technology to Improve our Knowledge</i></b>		
<b>Session Chair: Iain Turner. IFM</b>		
10.00	<b>Paul Coulson,</b> IFM	Welcome and opening remarks
10.10	<b>Armando Picinini,</b> Biomark	Technology update
10.20	<b>Tim Dapling,</b> Sussex IFCA	Monitoring the movements of the Black Seabream ( <i>Spondyllosoma cantharus</i> , L.) utilising Kingmere Marine Conservation Zone as a spawning site
10.40	<b>Andrew Hinds,</b> Fishtrak Ltd	<i>“Should I Stay or Should I Go”</i> : Residency and migrancy of stocked juvenile Barbel in an English chalk river. A Technological approach
11.00	<b>James Thorburn,</b> Marine Scotland	Advancing our understanding of elasmobranch spatial ecology through tagging
11.20		Further Discussions and Questions
<b>Break</b>		
<b><i>12.00 – 13.20 Session 5. Monitoring the Behaviour of Adult Fish</i></b>		
<b>Session Chair: TBC</b>		
12.00	<b>Zak Newton,</b> Lotek	Technology Update
12.10	<b>Romain Roy,</b> Profish Technology. France	Radio tracking in big rivers.
12.30	<b>Jenna Vergeynst,</b> Gent University	Behaviour of European eel near sluices and turbines
12.50	<b>Stephen Gregory,</b> Game and Wildlife Conservation Trust	Analyses of telemetry data with examples from the river Frome, Dorset.
13.10		Further Discussions and Questions
13.20	<b>Lunch</b>	

***14.20 – 15.50 Session 6. Using Citizen Accrued Information to Gather Data***

**Session Chair: TBC**

14.20	<b>Niall Gauld,</b> Marine Scotland	Tracking adult salmon and calculating exploitation rates on the River Tweed
14.40	<b>Ewan Hunter,</b> Cefas	Informal networks and stakeholder participation add value to bass population studies employing floated archival tags
15.00		Further Discussions and Questions
15.10	<b><i>15.10 – 15.45 Open Discussion</i></b> Moderator: TBC	
15.45	<b>CONFERENCE CLOSE</b>	