

**Session B**  
**Beyond geolocation: Inferring and explaining the behavior of tagged fish**

**Conveners: Uffe Høgsbro Thygesen (Denmark) and Molly Lutcavage (USA).**

We now have a range of methods available for tracking the motion of individual fish, thanks to recent advances in data storage tags and other hardware, as well as advances in methods for data analysis. This has allowed us to turn to the more ambitious questions of what the fish is doing, and why. This theme session will bring together scientists working with different species in different ecosystems, to discuss progress in the study of behavior of free ranging fish. Studies that relate observed behavioral patterns to the physical or biological environment are particularly encouraged, as well as studies that combine observations of behavior with theoretical explanations for that behavior. Although emphasis is on fish, studies on other taxa are also welcomed.

**Uffe Thygesen**, The National Institute of Aquatic Resources Department of Sea Fisheries, Denmark, e-mail: [uht@aqua.dtu.dk](mailto:uht@aqua.dtu.dk)

**Molly Lutcavage**, University of New Hampshire, Dept. of Zoology, Durham, USA, [molly.lutcavage@unh.edu](mailto:molly.lutcavage@unh.edu)