



### Advanced Trial and Hardware Control in EthoVision XT

#### INSTRUCTOR RESUME



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#### BENEFITS OF THE TUTORIAL

In this tutorial you will learn how to use the Advanced Trial and Hardware Control Module as it relates to particular applications of behavioral research, such as electrophysiology, conditioning, and maze behavior in rodents, insect behavior, etc.

#### FEATURES

Participants will be introduced to:

- automated animal tracking.
- multiple body point tracking.
- integration of EthoVision XT with hardware.
- advanced analysis of hardware events and/or states, as well as data export.

#### AUDIENCE

This tutorial is intended for researchers who are interested in automated tracking and/or novice-to-experienced users of EthoVision XT who would like to work with automated paradigms. Basic understanding of tracking software is required.