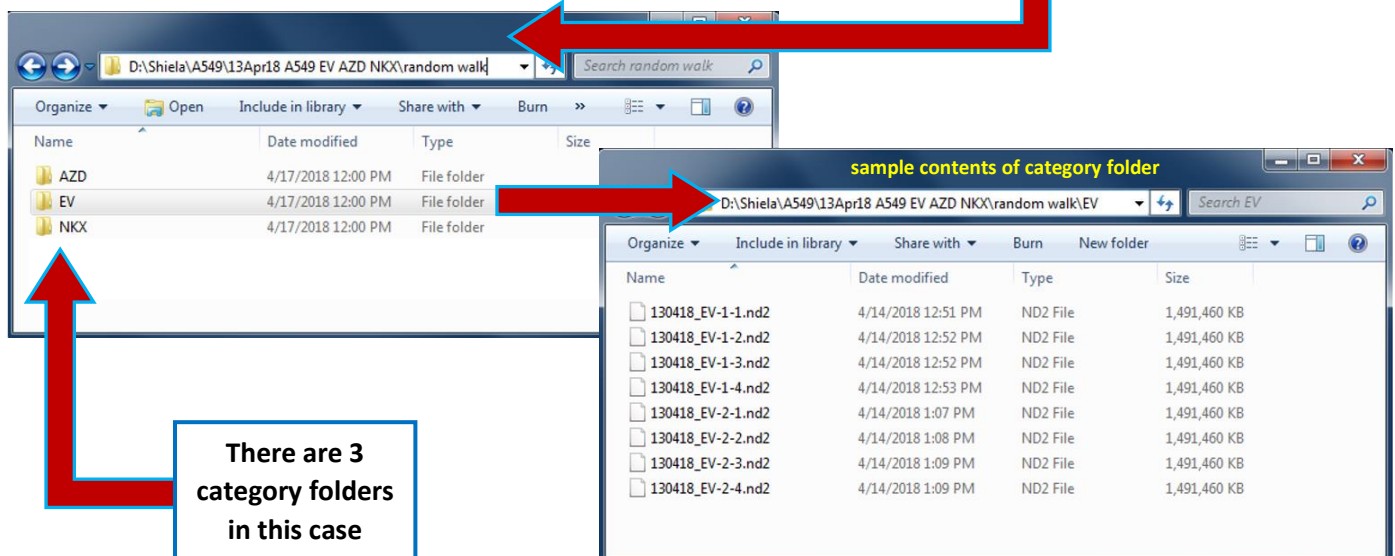


# AUTOCELL INSTRUCTIONS (Nikon formatted data)

## Step 1. Sort your nd2 files into category folders:

Main (Top) folder



## Step 2. Cell Tracking Analysis Protocol

- Open MATLAB and type "autocell" at the command window prompt and press **<enter>**. The Autocell window should open up
- Press Select Folder button and choose the "main folder" as described in step 1.
- Input pixel size (units = microns) and time step (units = minutes).
- Hit **start** button.  
[Autocell will start image processing. Processing time could take up to a few hours.]
- When autocell is finished processing, a list of available categories to plot will be available. Sort into desired order using **Move Up** and **Move Down** buttons.
- Press **Create Plots** button for analysis summary plots.

