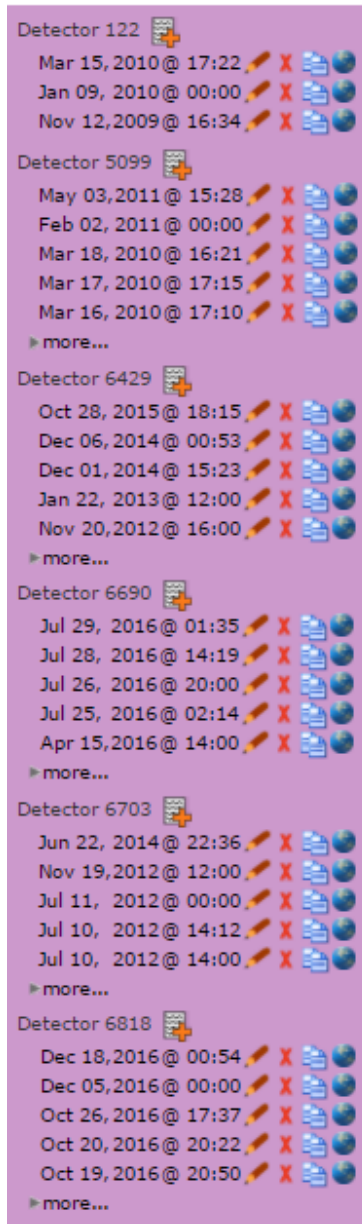


Geometry

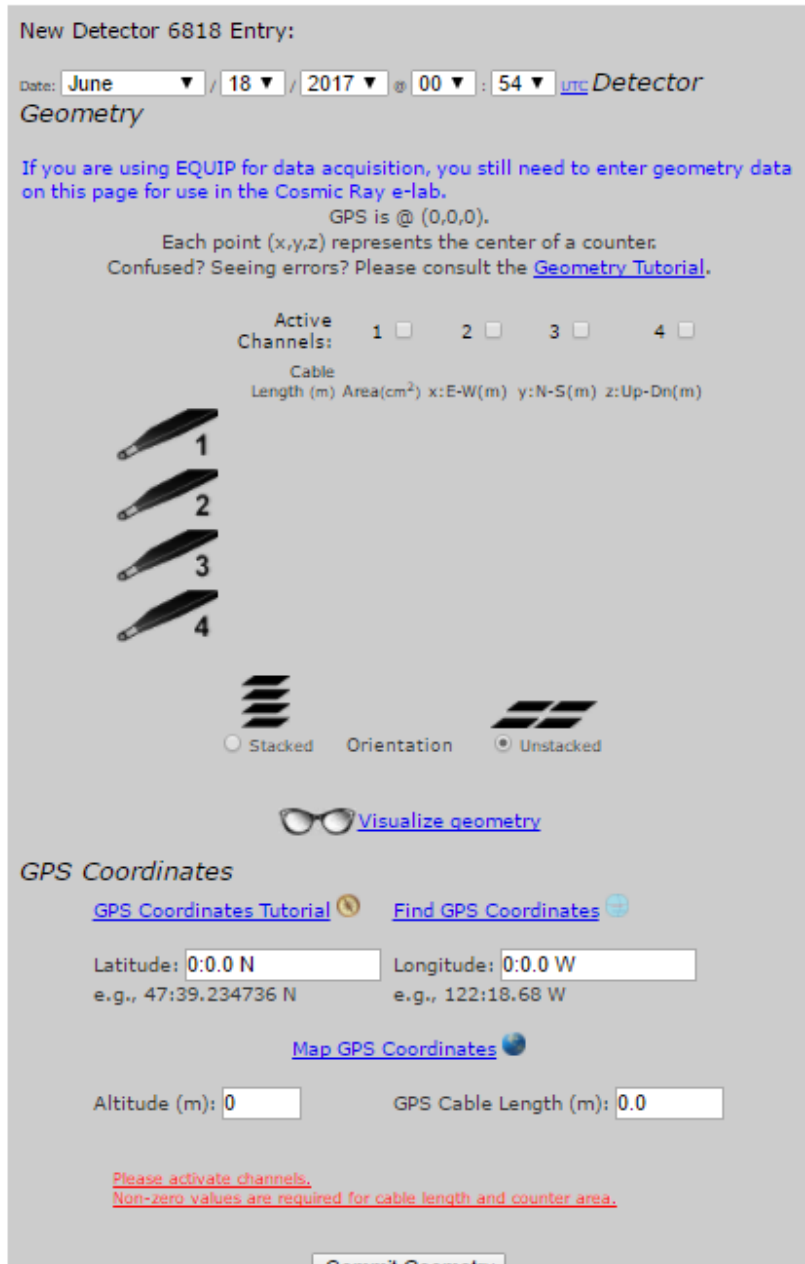
When entering your geometry (the time must be before the first time of the data file you are uploading), be sure to use the *Unstacked* Orientation.



The navigation bar for the Cosmic Ray e-Lab features a dark background with white text. On the left is a logo of a particle detector. The main title "Cosmic Ray e-Lab" is centered. To the right are icons for a lifebuoy, a pencil, and a hand, followed by the user name "gbnteacher" and a "Log out" link. Below the title are two rows of menu items: "Project Map", "Library", "Upload", "Data", "Posters", "Site Map", and "Assessment" in the first row; "Upload", "Geometry", "Benchmark", and "Blessing" in the second row. The "Upload" and "Geometry" items are highlighted in purple.



A vertical sidebar listing detector entries. Each entry includes a detector ID, a date and time, and icons for editing, deleting, and viewing details. The entries are grouped by detector ID: 122, 5099, 6429, 6690, 6703, and 6818. Each group has a "more..." link at the bottom.



The "New Detector 6818 Entry" form is a light gray interface. At the top, it shows the date selection: "Date: June / 18 / 2017 @ 00 : 54 UTC". Below this is the "Detector Geometry" section, which includes a blue instruction: "If you are using EQUIP for data acquisition, you still need to enter geometry data on this page for use in the Cosmic Ray e-lab." and a note that "GPS is @ (0,0,0)". A text prompt asks for the center of a counter and provides a link to a "Geometry Tutorial". The "Active Channels" section has four checkboxes labeled 1, 2, 3, and 4. Below is a "Cable" section with a table header: "Length (m) Area(cm²) x:E-W(m) y:N-S(m) z:Up-Dn(m)". Four cable diagrams are shown, numbered 1 to 4. The "Orientation" section has three radio buttons: "Stacked", "Orientation", and "Unstacked", with "Unstacked" selected. A "Visualize geometry" link with a glasses icon is present. The "GPS Coordinates" section includes links for "GPS Coordinates Tutorial" and "Find GPS Coordinates", and input fields for "Latitude: 0:0.0 N" and "Longitude: 0:0.0 W" with examples. Below are fields for "Altitude (m): 0" and "GPS Cable Length (m): 0.0". A red warning message states: "Please activate channels. Non-zero values are required for cable length and counter area." At the bottom is a "Commit Geometry" button.