

Basic tutorial for FURTHRmind



Create Experiment



Inside each group, there are experiments and samples. You can add/modify raw data for each experiment which can be used for further calculations/visualizations and comparison.



Create Experiment



The screenshot shows the FURTHRmind software interface. At the top, the title bar reads 'FURTHRmind' and 'Projects / Topics Tutorial'. Below the title bar, there are tabs for 'Dashboard', 'Comparison', and 'Convergege Inspector'. The main area is divided into three panels: 'Groups / Samples', 'Experiments', and 'Diagrams'. The 'Groups / Samples' panel on the left contains a search bar with 'HF_s_LBL_p_10_10L' and a list of groups including 'Tutorial', 'All experiment', 'Exp without sample', and 'Tutorial 2'. Below this list are input fields for 'Name' (Tutorial), 'Layer Number' (2.0), 'Time' (10.0 s (second)), and 'Concentration' (0.5). The 'Experiments' panel in the center features a large blue plus sign and a blue arrow icon pointing right, both enclosed in a blue rectangular border. The 'Diagrams' panel on the right has a 'Comment:' field and a 'Raw data' section. The user's email 'daniel.menne@furthr-research.com' is visible in the top right corner.

Click on an empty card in the “Experiments” window



Create Experiment



FURTHRmind

Projects / Topics Tutorial

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Dashboard Comparison Convergece Inspector

Groups / Samples

Search:

Groups Samples

HF_s_LBL_p_10_10L

- ▼ Tutorial
 - All experiment
 - Exp without sample
- ▼ Tutorial 2

Name: Tutorial

Layer Number: 2.0

Time: 10.0 s (second)

Concentration: 0.5

Add new field:

Experiments

Enter exp name:
Exp1

Diagrams

Comment:

Raw data

Enter the name of the
experiment



Create Experiment



The screenshot shows the FURTHRmind software interface. The main window has a title bar with 'FURTHRmind' and a menu bar with 'Projects / Topics' set to 'Tutorial'. The interface is divided into several panels: 'Groups / Samples' on the left, 'Experiments' in the center, 'Diagrams' on the right, and 'Raw data' at the bottom right. The 'Add entry - FURTHRmind' dialog box is open in the center, with a blue box highlighting the 'Enter exp name:' field containing 'Exp1'. A blue arrow points to the 'Ok' button in the dialog box. The 'Groups / Samples' panel shows a search bar with 'HF8_LBL_p_10_10L' and a tree view with 'Tutorial' selected. The 'Experiments' panel is empty. The 'Diagrams' panel has a search bar and a 'Comment:' field. The 'Raw data' panel is empty. The 'Add entry' dialog box has the following fields and options: 'Name:' with 'Exp1', radio buttons for 'Blank', 'Import fields from ...', and 'Import fields + data from ...', and radio buttons for 'Displayed only', 'Current group', and 'Other group'. The 'Ok' button is highlighted with a blue arrow.

Click on "Ok"



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The screenshot displays the FURTHRmind software interface. At the top, the browser address bar shows 'FURTHRmind' and the page title is 'Projects / Topics Tutorial'. The user's email 'daniel.menne@furthr-research.com' is visible in the top right corner. The interface is divided into several panels:

- Groups / Samples:** Contains a search bar with 'HF_s_LBL_p_10_10L', radio buttons for 'Groups' (selected) and 'Samples', and a tree view showing 'Tutorial' (expanded) with sub-items 'All experiment' and 'Exp without sample', and 'Tutorial 2'.
- Experiments:** A central workspace showing a single experiment entry 'Exp1' with a checkbox and a menu icon.
- Diagrams:** A panel on the right with navigation arrows and a 'Comment:' text input field.
- Raw data:** A panel at the bottom right with two empty columns.
- Configuration Panel (Bottom Left):** Fields for 'Name: Tutorial', 'Layer Number: 2.0', 'Time: 10.0 s (second)', and 'Concentration: 0.5'. It also includes an 'Add new field:' dropdown menu.

The experiment is created



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The screenshot shows the FURTHRmind software interface. At the top, the title bar reads "FURTHRmind" and "Projects / Topics Tutorial". The main interface is divided into three panels:

- Groups / Samples:** Contains a search bar with "HF_s_LBL_p_10_10L", radio buttons for "Groups" (selected) and "Samples", and a tree view showing "Tutorial" (expanded) with sub-items "All experiment" and "Exp without sample", and "Tutorial 2". Below this are input fields for "Name:" (Tutorial), "Layer Number:" (2.0), "Time:" (10.0 s (second)), "Concentration:" (0.5), and "Add new field:".
- Experiments:** A central workspace showing a list of experiments. One experiment, "Exp1", is highlighted with a blue border. At the bottom of this panel, there is an "Add new field:" input field with a blue arrow pointing to it.
- Diagrams:** A panel on the right with a "Comment:" text area and a "Raw data" section below it.

You can also add field to each experiment by the same method described in "Create Field" section.



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The screenshot displays the FURTHRmind software interface. At the top, the title bar shows 'FURTHRmind' and 'Projects / Topics Tutorial'. The main workspace is divided into three panels: 'Groups / Samples', 'Experiments', and 'Diagrams'. The 'Groups / Samples' panel on the left contains a search bar with 'HF_s_LBL_p_10_10L', a list of groups including 'Tutorial' (expanded to show 'All experiment' and 'Exp without sample'), and 'Tutorial 2'. Below the list are input fields for 'Name' (Tutorial), 'Layer Number' (2.0), 'Time' (10.0 s (second)), and 'Concentration' (6.5). An 'Add new field:' dropdown is open, showing a list of fields: 'Concentration', 'Explanation', 'Layer Number', and 'Time'. The 'Experiments' panel in the center shows a list with one entry 'Exp1'. The 'Diagrams' panel on the right has a 'Comment:' text area and a 'Raw data' section. The interface includes standard window controls and a user profile 'daniel.menne@furthr-research.com' in the top right.

All created field will be automatically shown in the combo box. In this example, those fields are the one we created for the group.

