

Step-by-Step Scientific Blog Setup Guide

Step 1: File Structure

Create the following structure in your WILL repository:

```
WILL/
├── _config.yml          # Main settings (copy from artifact)
├── index.md             # Home page
├── _layouts/           # Templates folder
│   └── default.html    # Main template
├── _posts/             # Posts folder
│   └── 2025-01-16-alpha-beta.md
├── parts/              # Research parts folder
├── results/            # Results folder
└── about.md            # About page
```

Step 2: File Copying

1. **_config.yml** → Root of repository
2. **index.md** → Root of repository
3. **_layouts/default.html** → Create `_layouts` folder and place there
4. **Example post** → Create `_posts` folder and save as `2025-01-16-alpha-beta.md`

Step 3: Activate GitHub Pages

1. Go to repository Settings
2. Scroll to "Pages" section
3. Select Source: "Deploy from branch"
4. Select Branch: "main" (or "master")
5. Folder: "/" (root)"
6. Click Save

Step 4: Verification

In a few minutes your site will be available at: `https://antonrize.github.io/WILL`

Step 5: LaTeX Conversion

To convert your LaTeX documents to posts:

Basic replacements:

- `\section{Title}` → `## Title`
- `\subsection{Title}` → `### Title`
- `\begin{equation}...\end{equation}` → `$...$`
- `\begin{align}...\end{align}` → `$_\begin{align}...\end{align}$`

Post header:

```
yaml
---
layout: default
title: "Post Title"
date: 2025-01-16
categories: [tags]
---
```

Next Steps

1. Create files and verify site works
2. Start with one post about $\alpha = \beta$
3. Gradually add other parts
4. Customize styles as needed

Help

If something doesn't work - describe the problem and I'll help fix it!