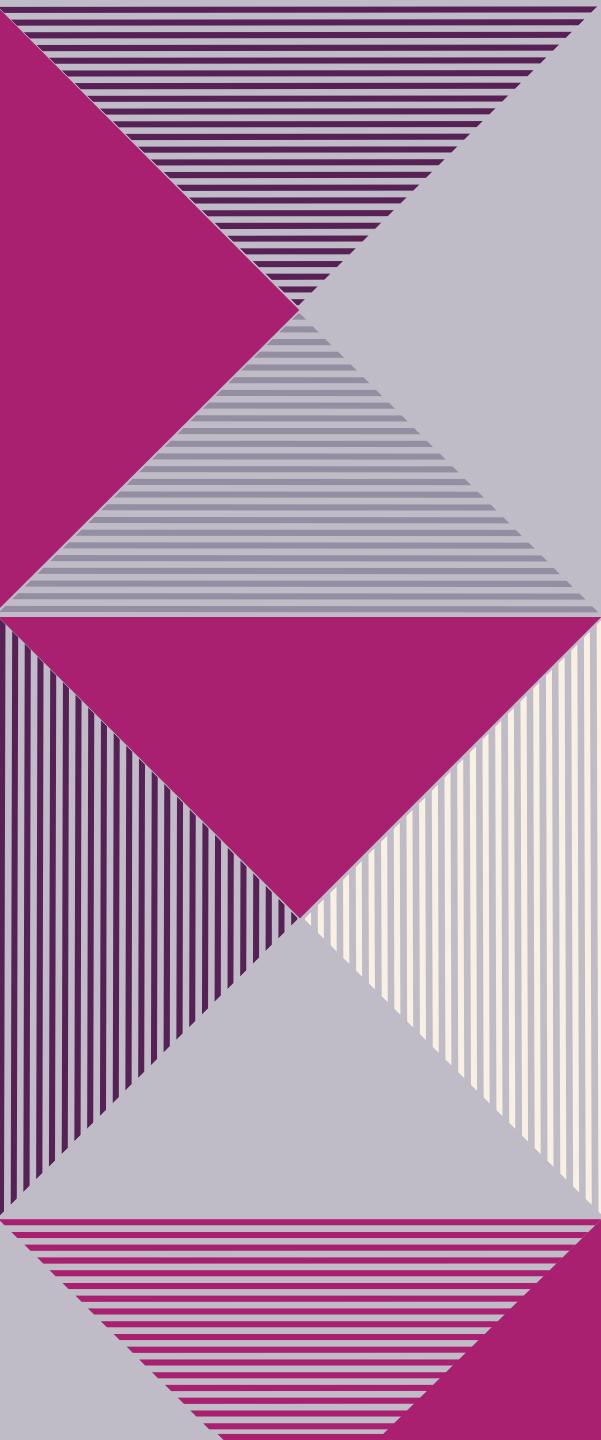


A large white circle is positioned in the upper-left quadrant of the slide. It overlaps a blue triangle pointing towards the center. Below the circle is a red square containing a series of nested, light-red triangles pointing towards the bottom-left corner. To the right of the square is a grey triangle pointing towards the center. The background is a solid dark blue.

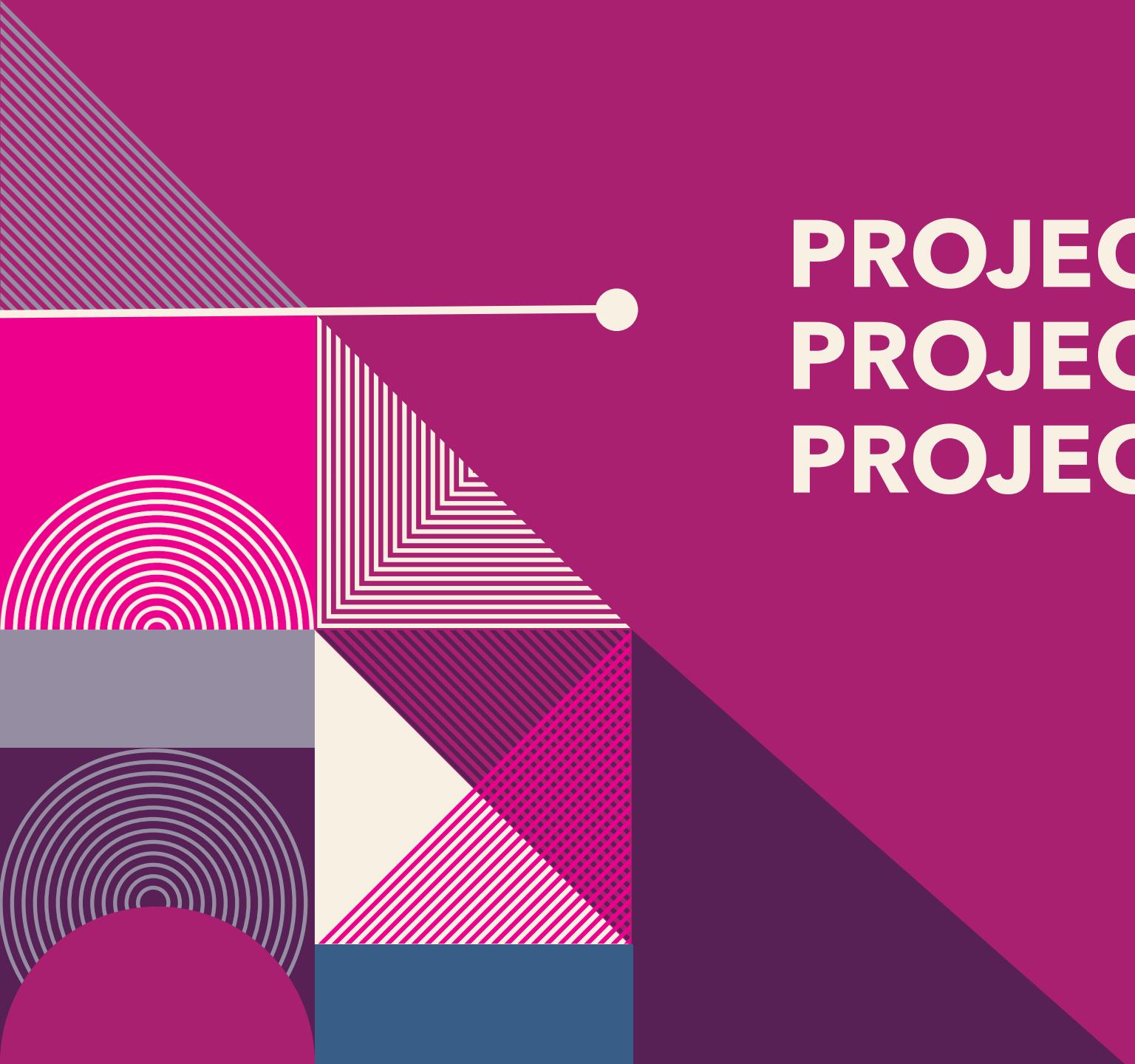
FPGATORS GBM #1 SPRING 2026



AGENDA

- MANDATORY GOOGLE FORM!!
- Introduction
- Incoming Projects
- Incoming Workshops



An abstract graphic on the left side of the slide features a white line connecting a white circle to a series of white concentric triangles pointing towards the center. Below this is a white square containing a white triangle pointing upwards. To the left of the square are two overlapping circles, one pink and one grey, with concentric white lines. At the bottom is a blue rectangle with a diagonal pink and white striped pattern.

PROJECTS PROJECTS PROJECTS!!

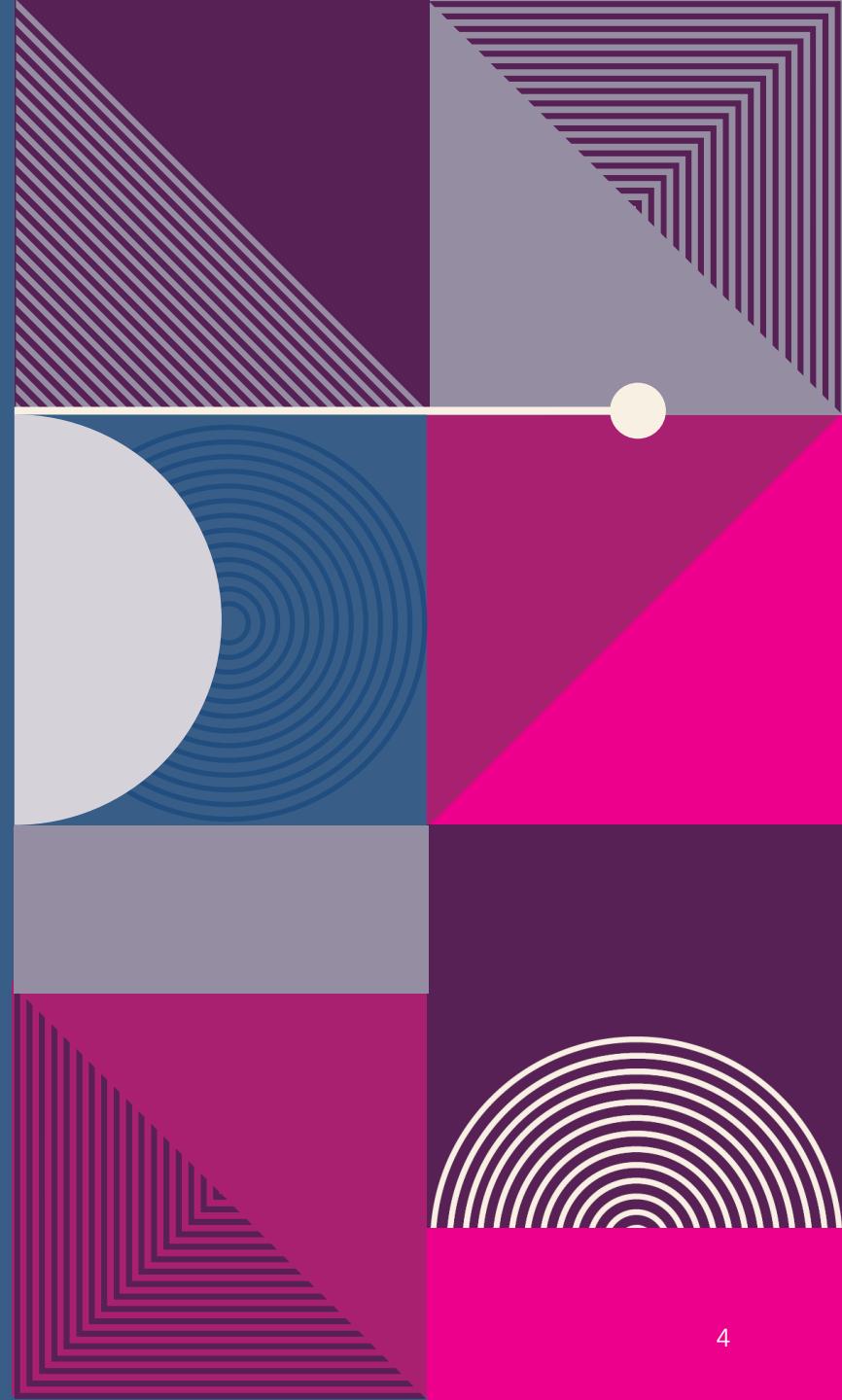
GITHUB CLASSROOM SHORT TERM PROJECTS

We created 2 projects as of right now catered to people who are just getting into FPGAs (for beginners)

- ALU (Arithmetic Logic Unit)
- PRNG (Pseudo-Random Number Generator)
- More to come!

Both projects are live in the FPGAtors Github Classroom! If you want to do these individual projects, make sure to fill out the google form with your Github username.

Note: These are individual projects.



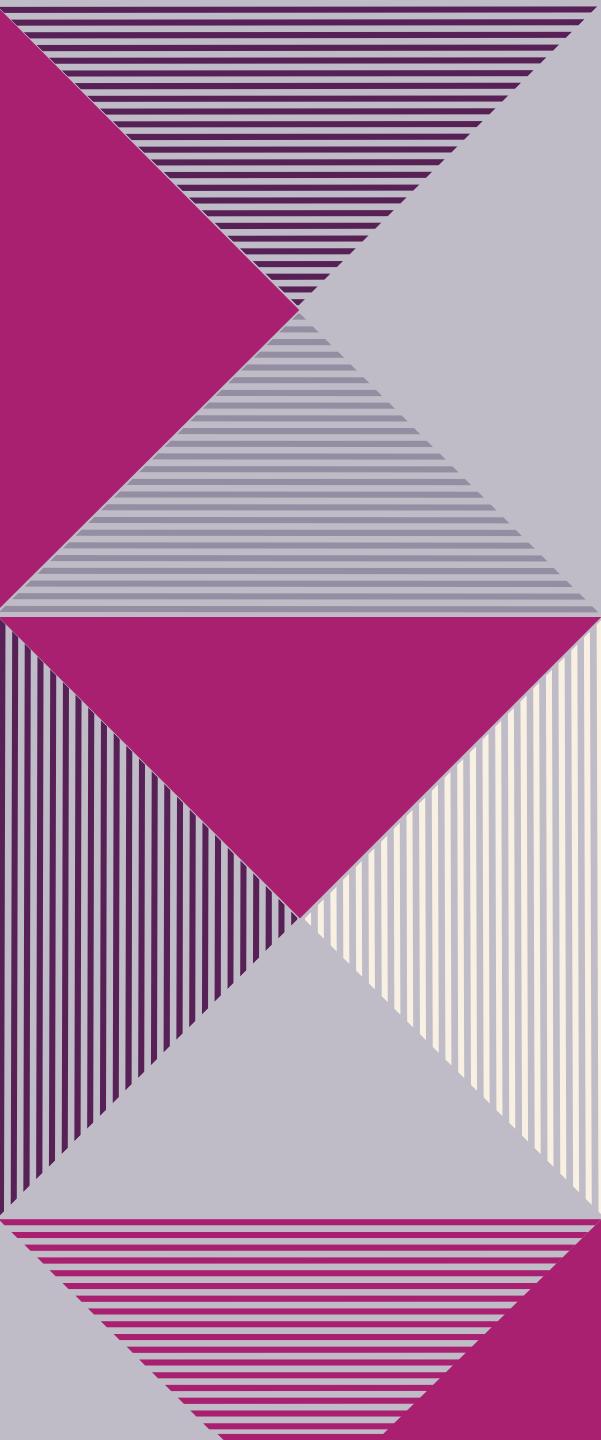
LONG AHH PROJECTS

We also wanted to cater to the people who are already well versed in Digital Design, so we are pitching multiple long-term projects to garner your interest. If you are interested in any of these projects, make sure to FILL OUT GOOGLE FORM!

- Robot Arm (Digital Signal Processing Project)
- Adaptive Keyboard (FPGA Application)
- Doom on DE10-Lite (It is written)
- Hardware Cache (Computer Architecture)
- Memory Interconnect (AXI Protocols)

An abstract graphic on the left side of the slide features a white dot at the top right corner of a red square. From this dot, a thin white line extends diagonally down and to the left, ending at the bottom edge of the slide. The red square is overlaid on a larger dark red background. To the left of the red square, there are several other geometric shapes: a grey rectangle above a purple rectangle, and a blue rectangle below them. All these shapes are decorated with white concentric circles or diagonal stripes.

NEW WORKSHOPS!!



POSSIBLE WORKSHOPS FOR THE SEMESTER

Now that we've covered VHDL and SystemVerilog Basics, we have many workshops from this list that we plan to host. If you have any more ideas for other workshops, you know where to go. The most requested ones will be held, so make sure to LET US KNOW IN THE FORM LOL

- Basic Testbenches
- Advanced Testbenches
- Pipelining
- Clock Domain Crossing

GO FPGATORS! DISCORD!



Join the Discord for any questions, comments, or memes from anything we've talked about today! BECOME A SPINJITSU MASTER!

