

# UNIC-CASS Design-to-Tapeout Meet-up #5 (Sept. 20, 2023)

Moderated by:

**Sergio Bampi**

Federal Univ. of Rio Grande do Sul, Brazil

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# Meetup #5 Agenda

- 10.00 – 10.10: Welcome & announcements/updates (Sergio Bampi & Jorge Marin)
- 10.10 – 10.50: “**Tips and pitfalls for mixed-signal Caravan/Caravel integration**” by Prof. Duy-Hieu Bui, Vietnam National University
- 10.50 – 11.10: “**Progress Questionnaire Responses by Design Teams**” by Rodrigo N. Wuerdig, Federal Univ. of RGS, Brazil

# Design-to-Tapeout activities schedule I

Activities	Date/ Deadline	Purpose	Your Deliverables (provide info/links on your GitHub)	We will provide/handle
<u>1<sup>st</sup> Meet-up</u>	Aug 16, 2pm UTC	Introduction & Goal-setting		Kick-off with the selected Design Teams.
<u>Weekly meet-ups</u>	Aug 23, Aug 30, Sep 6, Sep 13, <b>Sep 20</b>	Mentoring and Design groups to present progress. Invite short presentations on topics such as Caravel/Caravan, best practices, pitfalls to avoid. Invited talks. Candidates: eFabless, Digital Flow, Analog Flow , Pitfalls on Schematics, Pitfalls on custom-layout.		
<u>1<sup>st</sup> Design submission</u> <u>[Mock tapeout]</u>	<u>Sept 22</u>	-	<u>Proof of passing precheck in Efabless platform</u>	<u>Instructions on how to run the Efabless precheck step</u>
<u>1<sup>st</sup> Design Review &amp; Feedback</u>	Sept 29			Feedback on the “merge-run pre-check”

# Design-to-Tapeout activities schedule II

Activities	Date/ Deadline	Purpose	Your Deliverables (provide info/links on your GitHub)	We will provide/handle
<u>Weekly meet-ups</u>	Oct 4, Oct 11	Guide to final submission and solve teams' issues.	A check-list of to-dos to the Design Teams. Evaluate status of potential "drop-outs".	
<u>2<sup>nd</sup> Design submission</u>	Oct18		TBD	Check all blocks are LVS, DRC clean.
<u>2<sup>nd</sup> Design Review &amp; Feedback</u>	Oct 22		Maybe a 1-week extension for late bugs detected	Delivery by Design teams of their finished blocks in GDSII.
<u>eFables pre-check</u>	Nov 3		Deliver 2 Caravelle drop- ins to e-Fables to check	
<u>Tape-out</u>	Nov 6	Finish line!		List of "winner teams" included in this Tapeout. List of unfinished Designs to candidate for April, 2024 Tapeout

**Thank you**