prep meeting

meshtastic

wio-sx1262

xiao-lora
https://core-electronics.com.au/courses/meshtastic-for-makers-workshop/
https://gitlab.fabcloud.org/academany/fabacademy/2025/staff/-/issues/10
bu01 AI thinker https://www.digikey.de/de/products/detail/ai-thinker/BU01/16688861

Chat

14:30:25 Von henk henk@waag.org an Alle: Replying to "Nachricht wurde vor Ihrem Beitritt zum Meeting ges...": happy birthday Rico~ Rico Kanthatham:□□

14:30:58 Von Milliam an Alle: Replying to "Nachricht wurde vor Ihrem Beitritt zum Meeting ges...": Yep

14:31:00 Von Rico Kanthatham an Alle: Replying to "Nachricht wurde vor Ihrem Beitritt zum Meeting ges...": @Jorge Valerio - Fab Lab ESAN papayita!!! Jorge Valerio - Fab Lab ESAN:□□

14:32:14 Von Frosti Gíslason - Iceland- Vestmannaeyjar - Fab Lab an Alle: Happy birthday grand master Rico :) Rico Kanthatham:□□

14:32:45 Von Adrián - Fab Lab León an Alle: Henk

14:32:47 Von henk henk@waag.org an Alle: wio-sx1262 Luc Hanneuse:□□

14:33:15 Von Jani Ylioja an Alle: J-P: any suggestions?

14:33:37 Von Rico Kanthatham an Alle: anyway for us to interface with meshtastic?

14:34:08 Von saheen palayi an Alle: antenna depends the frequency right ?

14:34:15 Von Jani Ylioja an Alle: Replying to "antenna depends the frequency right ?": yes

14:34:44 Von Jani Ylioja an Alle: Replying to "antenna depends the frequency right ?": also needs to have impedance fit saheen palayi:□□

14:35:01 Von henk henk@waag.org an Alle: https://gitlab.fabcloud.org/pub/project/bootcamp-2025-am/xiao-lora Rico Kanthatham:□□

14:35:22 Von saheen palayi an Alle: Replying to "antenna depends the frequency right ?": this is the one I got for our lora frequency (IN- 868mhz) https://robu.in/product/lora-antenna-868mhz/

14:35:37 Von Claire: Lake Mac Libraries Fab Lab an Alle: Meshtastic for Pico https://core-electronics.com.au/courses/meshtastic-for-makers-workshop/ Rico Kanthatham:□□

14:40:02 Von Rico Kanthatham an Alle: clear in Kamakura

14:40:19 Von Rico Kanthatham an Alle: Replying to "clear in Kamakura": Bhutan still a question mark

14:40:23 Von Daniel Mateos an Alle: Fine @ barcelona

14:40:58 Von Salman an Alle: Cnc shields or ready drivers are fine too?

14:41:04 Von Claire: Lake Mac Libraries Fab Lab an Alle: I've recruited a partner for my one student :) Adrián - Fab Lab León, Rico Kanthatham:❤ Ricardo Marques:□□

14:43:03 Von saheen palayi an Alle: @Salman try Urumbu + Python GUI ,
will be cool and amazing we gave it a try last year example :- https://fabacademy.org/2024/labs/kochi/machine_week/Cut-Urumbu/ Adrián - Fab Lab León, Salman:❤

14:43:26 Von Luciana Asinari an Alle: https://gitlab.fabcloud.org/academany/fabacademy/2025/staff/-/issues/10

14:46:32 Von Pablo Fab Lab Leon an Alle: We need to catch those who will not finish on time.

14:46:57 Von Salman an Alle: Maybe local instructors can nominate by midterm those most likely to reach target Norella Coronell, Pablo Fab Lab Leon, Rico Kanthatham, Adrián - Fab Lab León, saheen palayi:□□

14:47:57 Von Rico Kanthatham an Alle: Replying to "Maybe local instructors can nominate by midterm th...": agreed. local instructor perspective very important. they have the pulse on each student's motivation and work ethic henk:□□

14:50:21 Von Salman an Alle: For molding, 3d printed molds are fine in itself or milling is mandatory?

14:50:50 Von Jani Ylioja an Alle: SLA or postprocessing needed

14:50:53 Von saheen palayi an Alle: Replying to "For molding, 3d printed molds are fine in itself o...": should be a high resolution printer , DLP/SLA

14:51:20 Von Noor Ahmed Raza Pirwani an Alle: I have a question: Can the global evaluator assess a week before the local evaluation? I understand this is not conventional, but I just wanted to check.

14:51:24 Von Salman an Alle: Yeah clear thanks

14:51:58 Von henk an Alle: Replying to "I have a question: Can the global evaluator assess...": No! Local has to review first. Adrián - Fab Lab León:□□

14:51:58 Von Pablo Fab Lab Leon an Alle: Replying to "For molding, 3d printed molds are fine in itself o...": From Assessment book: Can I 3D print the mold? Answer: Yes, you can 3D-print your mold if you can produce a smooth surface finish. FFF/FDM is not smooth enough, if you are using those you need to postprocess the surface.

14:52:35 Von henk an Alle: Replying to "I have a question: Can the global evaluator assess...": i start evaluation after the local has marked the week as done Luc Hanneuse:□□

https://www.digikey.in/en/products/detail/ai-thinker/BU01/16688861

for meshtastic: seeed now also have a nrf52+sx1261 combo that consumes way less than an esp32-S3. Better if you want to make a solar and/or battery powered project.

https://www.seeedstudio.com/XIAO-nRF52840-Wio-SX1262-Kit-for-Meshtastic-p-6400.html

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