

# regional meeting

## Mkhitar Evoyan

scr5.jpg

## Zhirayr Ghukasyan

1.jpg

blynk <https://blynk.io/blueprints/blink-an-led-with-esp32>

## Jakob Lerch

featured.jpg

[https://fabacademy.org/2025/labs/ilmenau/students/jakob-lerch/assignments/week-11\\_networking/img/40-midi/35-midi-button.mp4](https://fabacademy.org/2025/labs/ilmenau/students/jakob-lerch/assignments/week-11_networking/img/40-midi/35-midi-button.mp4)

## Irja Linnerud

touch\_display.jpg [http://irja-ed23b9.waaglabs.nl/assets/images/week11/touch\\_display.jpg](http://irja-ed23b9.waaglabs.nl/assets/images/week11/touch_display.jpg) [image](#)

# Sam Hos

image-5.jpg

# Dylan Heneck

shark.jpeg

<https://www.schmalzhaus.com/EasyDriver/Examples/EasyDriverExamples.html>

# Patrick Dezséri

Intro1.jpg

# Forrest Oliphant

Networking\_XIAO\_ESP32\_Boards.jpg-iHTyBOPcih-1280.avif

[arduino-audio-tools' streams-url mp3 helix-i2s example](#)

# Chat

13:06:22 Von Patrick an Alle: you can use ShareX to have nice screen video capture instead of using your phone to film your laptop screen

<https://getsharex.com/>

13:10:08 Von Patrick an Alle: Antenna connected to a buoy ?

13:24:42 Von Babken Chugaszyan an Alle: Hey guys sorry for connecting late.

13:24:50 Von ferdi an Alle: I think it is the hope rf hm-trp-915 rf module

13:25:32 Von ferdi an Alle: <https://www.sparkfun.com/rfm69hcx-wireless-transceiver-915mhz.html>

13:27:25 Von henk an Alle: [https://fabacademy.org/2024/labs/waag/students/leo-kuipers/weekly-assignments/14\\_interface-and-application-programming/14\\_interface-and-application-programming/#webbrowser-midi-sample-player](https://fabacademy.org/2024/labs/waag/students/leo-kuipers/weekly-assignments/14_interface-and-application-programming/14_interface-and-application-programming/#webbrowser-midi-sample-player)

13:32:10 Von henk an Alle: <http://irja-ed23b9.waaglabs.nl/>

13:32:26 Von henk an Alle: <http://sam-78f04d.waaglabs.nl/>

13:42:34 Von ferdi an Alle: My Standard example is <https://www.schmalzhaus.com/EasyDriver/Examples/EasyDriverExamples.html>

13:51:08 Von jakob an Alle: Regarding MIoTy:

This is the specification:

[https://www.etsi.org/deliver/etsi\\_ts/103300\\_103399/10335702/02.01.01\\_60/ts\\_10335702v020101p.pdf](https://www.etsi.org/deliver/etsi_ts/103300_103399/10335702/02.01.01_60/ts_10335702v020101p.pdf)

MIoTy is the commercial name. TS-UNB is the name that is used in the specification.

This is a library for the pico: <https://github.com/mioty-iot/TS-UNB-Lib-Pico>

I did not look into it too deeply, but i guess it only contains the code for the transmitter.

From my current knowledge, i do not really get how it is different from LoRa. In particular, I do not understand, why lora hardware can be used here. maybe there are some details in the specifications that allow this...

13:57:14 Von Forrest O. an Alle: @ferdi <https://gitlab.com/kriwkrow/networking-with-xiao-esp32-demo-w-kicad-and-arduino>

13:58:34 Von Dylan Heneck an Alle: EPIC

13:58:48 Von Dylan Heneck an Alle: did you document?

13:58:54 Von Forrest O. an Alle: ☐☐

---

Revision #5

Created 2025-04-09 11:02:35 UTC by Ferdi

Updated 2025-04-10 20:13:18 UTC by Ferdi