# 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

## Irja Linnerud

touch_display.jpghttp://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

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https://getsharex.com/
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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/rfm69hcw-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

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:

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This is the specification:
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...
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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: □□

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