



# **IETF Hackathon**

**IETF 114**

**23-24 July 2022**

**Philadelphia, Pennsylvania**



# Hackathon Plan

- improve our SCHC open source code
  - <https://github.com/openschc/openschc>
- LPWAN WG
  - RFC8724, RFC8824
  - draft-ietf-lpwan-schc-yang-data-model
  - draft-barthel-lpwan-oam-schc

# What got done

- SCHC YANG datamodel bug fix
  - integrated into openSCHC and validated
- Functional tests and bug fixes
  - CoAP compression and decompression
  - Debugging on MacOS platform
- Extensive rewriting of the openSCHC user manual
  - ultimately to be used as material for SCHC tutorials
  - <https://book.openschc.net>

# Outcome

- easier access to SCHC technology
  - open source code
  - user manual
- LoRa Alliance has committed to use openSCHC for IPv6\_over\_LoRaWAN device certification

# Wrap Up

## Team members:

- Laurent Toutain
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- Dominique Barthel

