Welcome to Osmocom Conference 2017

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Welcome to Osmocom Conference 2017

A diverse audience

- Osmocom developers
- Commercial cellular Operators
- Community Wireless Network Operators
- IT Security
- Academia / Research
- Vendors of BTS hardware / PHY layers
- M2M / IoT Device Testing

Thanks to..

- Heike for organization, backoffice, registration

- Maike for ticket sales, registration

- our hosts here at JGH Berlin

- our Speakers

- the anonymous sponsor of the travel grants

- C3VOC of Chaos Computer Club for video recordings

- Everyone who ever contributed code to Osmocom!

Schedule

10:00	10:30	Morning Break
12:30	13:30	Lunch Break
15:30	16:00	Afternoon Break
19:30	-	Social event (doors)
20:00	-	Social event (food)

and lots of technical talks in between, of course

Social Event

- Address

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Restaurant "Zur Gerichtslaube"
Poststr. 28
10178 Berlin
```

- We have leaflets with map + address informations

- Get there: By yourself, using public transport or cabs

- Vegetarian + Vegan option available upon request

Where do we come from?

- 2008: Humble beginnings with bs11_abis + bsc_hack
  - Dieter Spaar + Harald Welte start with old Siemens BS-11 and ISDN-Card
  - implement whatever needed beyond the BTS to simulate a telephony network
  - turned into OpenBSC in December 2008

```
commit 52b1f9888905df8aa6ecd50af900b63f5273de6a
Author: Harald Welte <laforge@gnumonks.org>
Date:   Tue Dec 23 20:25:15 2008 +0000

    initial commit of current OpenBSC state
```

From OpenBSC to Osmocom

- 2009: OpenBSC code matures beyond PoC

- 2009: Support for ip.access nanoBTS

  - first multi-vendor BSC to our knowledge

- 2010: OsmocomBB project starts for phone-side GSM stack

- Start of Osmocom as umbrella project for OpenBSC + OsmocomBB

Osmocom 101

- umbrella project for **O** pen **S** ource **MO** bile **COM** munications

- FOSS developers exploring mobile communications

- much larger than the **Cellular Infrastructure** projects we talk about today

  - TETRA, Thuraya, DECT, OP25, SDR, SIMtrace and many others

  - 59 projects in https://osmocom.org/ redmine

  - 112 git repositories on https://git.osmocom.org/

- most well-known typically OsmocomBB, OpenBSC + rtl-sdr

Community + Collaborative Development

- Free Software is about **collaborative development**
  - shared investment in R&D, while everyone can use full results
  - it is **not** about a one-way producer/consumer relationship

- sustainable projects need serious committment contributions from all stake holders

sysmocom - s.f.m.c. GmbH

- founded in 2011 by two core Osmocom developers

- exists to drive/support Osmocom development

- does not claim (nor want) ownership over any part of Osmocom

- organizes this event as Osmocom is no legal entity

- unfortunately is doing >= 80% of commits in Osmocom cellular infrastructure projects.

  - Osmocom must not depend on sysmocom

  - we need more commitment and contributions from all users and beneficiaries

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