

Panel 4

AI and Open Source vs. 6G Standardisation
and Regulation: Can there Be Chaos in
Order?

Panel

- **Ove Edfors**, (Lund Univ., SE) -- moderator
- **Erik Dahlman** (Ericsson Research, SE) - 3GPP standardization
- **Daniel Verenzuela** (Sony Europe, DE) - WiFi standardization
- **Sofie Pollin** (KU Leuven, BE) - Open source/SDR
- **Amir Aminifar** (Lund Univ., SE) - Artificial Intelligence
- **Emine Ozge Yildirim** (KU Leuven, BE) - Legal/societal aspects

Questions

1. Should future wireless standards for 6G and next generation WiFi follow the **conventional standardization approach**, or should there be **more room for some chaos** in the order?
2. Which role do you see for **AI in wireless standards**: is this opening a **pandora's box**? From processing signals to determining how we send signals? From machine learning to machine reasoning?
3. Is open **source an opportunity** for creative entrepreneurs or a **threat** for our industry, or both or none?
4. Could far-reaching open source solutions and/or AI in wireless networks be **at the benefit of the end-users**?

A bit of 'rough statistics' from proceedings

- Total number of papers/posters: 150
- Open source
 - Mentioned in 67 times, in 20 papers
- AI
 - Mentioned 487 times, in 16 papers
- Standards/standardization
 - Mentioned 147 times, in 32 papers
- Regulation
 - Mentioned 42 times, in 12 papers



AI a clear 'winner'

