This talk will describe how cellular security has evolved in earlier generations as well as the industry’s vision for security and privacy in 5G. 2G systems were among the first global mass-market products using cryptography in a time where only secret algorithms could be used. Much has happened since, and all algorithms and protocols are now public. The goal of the talk is to dispel myths, describe the current situation in 4G, and how 5G will improve security and privacy while at the same time increase flexibility and enable IoT use cases.

Logistics:
- Room: Zurich E/F
- Thursday, March 30, 2017
- Time: 12:00 - 12:45
- Lunch will NOT be provided.

Presenter: John Mattsson, Senior Specialist Ericsson Security Research

John Mattsson is a Senior Specialist at Ericsson Security Research with a focus on Security Protocols, Cryptography, and IoT. John has been active in 3GPP and the IETF on a large number of topics and is now coordinating Ericsson's security related activities in the IETF. He holds a M.Sc. in Engineering Physics from KTH (Royal Institute of Technology, Sweden) and a M.Sc. in Business Administration and Economics from Stockholm University.