



**PETER L.  
REICHERTZ INSTITUT  
FÜR MEDIZINISCHE  
INFORMATIK**



## Ringvorlesung Medizinische Informatik

### **EMYNOS: nExt generation eMergencY commuNicatiOnS.**

**Dr. Yacine Rebahi  
Fraunhofer FOKUS**

Vorlesung:	25.02.2020, 13:15 – 14:45
Nachbesprechung:	05.03.2020, 08:45 – 09:30
Ort:	IZ 404
Vortragssprache:	Deutsch

The transition to Next Generation networks is often coupled with the vision of innovative services providing personalized and customizable services over an all-IP infrastructure. To enable a smooth transition, Next Generation all-IP networks need not only support more services but also support current vital services, namely emergency services. Emergency services can be classified into the following categories: 1) emergency calls to police, fire brigade, and ambulance, 2) communications between the rescue teams' members, 3) disaster management and coordination, and 4) emergency warning. This presentation will focus more on the first category and provide an overview of the work progress within this field by addressing in particular issues related to emergency calls identification and routing, security, and Next Generation eCall. This presentation will also emphasize on the experience gained from the implementation of the EENA NG112 LTD in the context of the Emynos project.

Dr. Yacine Rebahi has a PhD in mathematics and a Habilitation in computer science. Currently senior researcher at Fraunhofer FOKUS. Prior to joining FOKUS in 2002, he worked at Ericsson Canada on Voice over IP (VoIP) related applications. Dr. Rebahi is an IEEE member and has over 60 publications between journal and conference papers, and book chapters. Dr. Rebahi has been leading several research activities in the context of IP based emergency services (pure SIP, IMS) and Next Generation Networks/Next Generation Mobile Networks security in particular, DoS attacks detection, SPAM mitigation, fraud and service misuse detection, and security for the DIAMETER protocol. Dr. Rebahi was the EMYNOS project coordinator.



Dr. Yacine Rebahi