

Agenda - IPv6 Fundamentals

1. Tag

08:30 **Eintreffen der Teilnehmer im Gebäude 4 (Mensa)**
Begrüssung bei Kaffee und Gipfeli

- 09:00 - 11:00
- **Vorstellung INS-HSR**
 - **Introduction to IPv6**
 - **IPv6 Header & Extensions**
 - **Address format, notations & -types**

Pause

- 11:15 - 12:15
- **Wireshark Intro and IPv6 Setup**

Mittag

- 13:30 - 15:15
- **Address Autoconfiguration (Lab1)**
 - **Neighbor Discovery (Lab2)**

Pause

- 15:30 - 17:15
- **ISATAP Tunneling (Lab3)**
 - **Router Discovery (Lab4)**

2. Tag

- 09:00 - 10:30
- **RIPng Routing Protocol (Lab5)**

Pause

- 10:30 - 12:30
- **Host Configuration with DHCPv6 (Lab6)**
 - **New DNS AAAA record (Lab7)**

Mittag

- 13:30 - 14:30
- **OSPF Routing Protocol (Lab8)**

Pause

- 14:35 - 15:30
- **Transition Technologies Teredo 6to4, 6rd**
 - **IPv6 Multicast**
- 17:15
- **Course Feedback**