

Lecture: 5G Update Evolution and Revolution

Location: FESB, University of Split, R. Boskovicica 32, Split,
Room A102, 17 May 2018, 10:00 – 12:00

Agenda of the lecture:

- Why is 5G required?
- 5G standardization & spectrum update.
- 5G NG architecture evolution.
- 5G operator trends.
- 5G Timeline.
- Nokia Innovations and Demonstrators.
- What are the early 5G use-cases?



Name of the presenter: Fernand Schroell

Job position: Mobile Networks CTO – Key customer Lead Architect, Nokia Bell Labs Europe

Short bio:

Fernand Schroell, born in 1965 in Olten (Switzerland), joined the R&D center of SIEMENS AG in Munich in 1991, after earning an Engineer degree in technical computer science (Dipl. Ing. Informatik) at the federal polytechnic university ETH / EPFL in Lausanne (École polytechnique fédéral de Lausanne).

After several different assignments, SW-Development, Project-Management Voice Switching he was confided in 1999 the responsibility of heading the Technical Sales Department for Carrier Networks in Siemens France. After 3 years of successfully promotion of the Siemens portfolio and introduction of Siemens NGN SURPASS Strategy, he returned back to the head quarter where he took over the lead of Product Line Management department for NGN Virtual Trunking.

Later he became responsible for Solution Management Carrier Control with focus Innovation Management where he was driving subjects like Fixed Mobile Convergence followed by Head of Product Line Management for IMS based Fixed Mobile Convergence at Siemens Com Mobile.

In the years before his actual assignment “Mobile Networks ATF, CTO Engineer – Key customer lead architect”, he had different other assignments, like Head of Technology for large corporate customer, Head of Technology for Core and E2E programs as well as Customer Technology Vision & Innovation Lead Europe.