

Friedrich-Alexander-Universität Erlangen-Nürnberg
 Institute for Digital Communications
Seminar Key Technologies of 5G
 WS 2106 – 17

Thursday, January 12, 2017		
Name	Topic	Time
Ahmed Elhaddad	Small-cell Networks (SCNs)	09:00 – 09:45
Harshal Singhal	Device-to-device communication	09:45 – 10:30

Thursday, January 19, 2017		
Name	Topic	Time
Clemens Neumüller	Massive multiple-input multiple-output (MIMO)	09:00 – 09:45
Eliise Kõre	Physical layer security	09:45 – 10:30
Xabier Zubizarreta	Cognitive radio and dynamic spectrum access	10:30 – 11:15
Break		11:15 – 11:30
Tobin Arul	Internet of thing (IoT)	11:30 – 12:15
Matthias Kreuzer	Caching	12:15 – 13:00

Thursday, January 26, 2017		
Name	Topic	Time
Hedieh Ajam	Cloud random access networks (C-RAN)	09:00 – 09:45
Andreas Feder	Nonorthogonal multiple access (NOMA)	09:45 – 10:30
Juan Jose Serrano	Sparse code multiple access (SCMA)	10:30 – 11:15
Break		11:15 – 11:30
Mohamed Soliman	Filter bank multi-carrier multiplexing	11:30 – 12:15
Olatunji Ojuola	Full-duplex communications	12:15 – 13:00