Berlin
Mathematical
School

WI AS

SAMBa

PROBABILISTIC AND STATISTICAL METHODS FOR NETWORKS

21 AUGUST – 1 SEPTEMBER 2017
TECHNISCHE UNIVERSITÄT BERLIN

Summer School for Young Researchers

SPEAKERS

Shankar Bhamidi (North Carolina)
Probabilistic and statistical problems
pertaining to dynamic networks

Benedikt Jahnel (Berlin)
Stochastic geometry in telecommunications

Max Klimm (Berlin)
Selfish routing in networks

Peter Mörters (Bath)
Reinforced branching processes

Tiago Peixoto (Bath)
Statistical inference of network structure
and dynamics

Jörg Polzehl / Karsten Tabelow (Berlin)
Connectivity networks in neuroscience

Klaus Obermayer / Wilhelm Stannat (Berlin)
Stochastic mean-field theories for brain networks

Lenka Zdeborová (Saclay)
Inference on networks via cavity method
and message passing

REGISTRATION AND FUNDING REQUESTS
www.math-berlin.de/randGraph

Supported by EPSRC at the University of Bath within
the SAMBa programme and by DFG via BMS