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## **Seminar SS 10 Analyse von Netzwerken**

**Termin:** Donnerstag 14 -17 Uhr

**Ort:** Raum U013+ U014 INF 350

**Marcel Veith**

**17.06.10.** „Structure of Complex Networks“

Boccaletti, Latora, Moreno et al.: Complex networks: Structure and dynamics, Physics Reports **424**, 2006

**Patrick Michl**

**24.06.10.** „Spreading processes“

Boccaletti, Latora, Moreno et al.: Complex networks: Structure and dynamics, Physics Reports **424**, 2006

**Erik von der Osten**

**24.06.10.** „Clustering“

Boccaletti, Latora, Moreno et al.: Complex networks: Structure and dynamics, Physics Reports **424**, 2006

**Jens Jürgen**

**1.07.10.** „Persistent homology of complex networks“

Horak, Maletić, Rajković: Persistent homology of complex networks, Journal of Statistical Mechanics: Theorie and Experiment, doi10.1088/1742-5468/2009/03/P03034, 2009

**Ying Gu**

**1.07.10.** „Metabolic Networks“

Helms: Principles of Computational Cell Biology, Wiley, 2008