Network Algorithms: Revised Semester Schedule

The lecture begins with an Introduction and Overview on April 5.

Part 1: Routing Algorithms (April 10 - May 17)
  - Routing with Global Knowledge (April 10/12/19)
  - Local Control Algorithms: Oblivious Routing (April 24/26, May 3/8)
  - Some Powerfull Probabilistic Techniques (May 10/15)
  - Adversarial Queueing Theory (May 17)

There are no lectures at April 17 (Easter) and May 1 (Labour day).

Part 2: Overlay Networks (May 22 - June 14)
  - Peer-To-Peer-Networks based on Hashing (May 22/24/29)
  - Wireless Overlay Networks (May 31, June 19/21)
  - Talk: “Towards a scalable and robust distributed hash table” by Christian Scheideler (June 12, 3:30-4:30 pm, AH VI)

There are no lectures at June 5/7 (Pentecost) and June 14 (DIES). The lectures on May 22/24 will be held by Heiner Ackermann in German language.

Part 3: Network Games (June 19 - July 12)
  - Congestion Games I (June 26/28)
  - Selfish Routing - Price of Anarchy (July 3/5)
  - Congestion Games II (July 10/12)

The lectures on July 3/5 will be held by Simon Fischer.