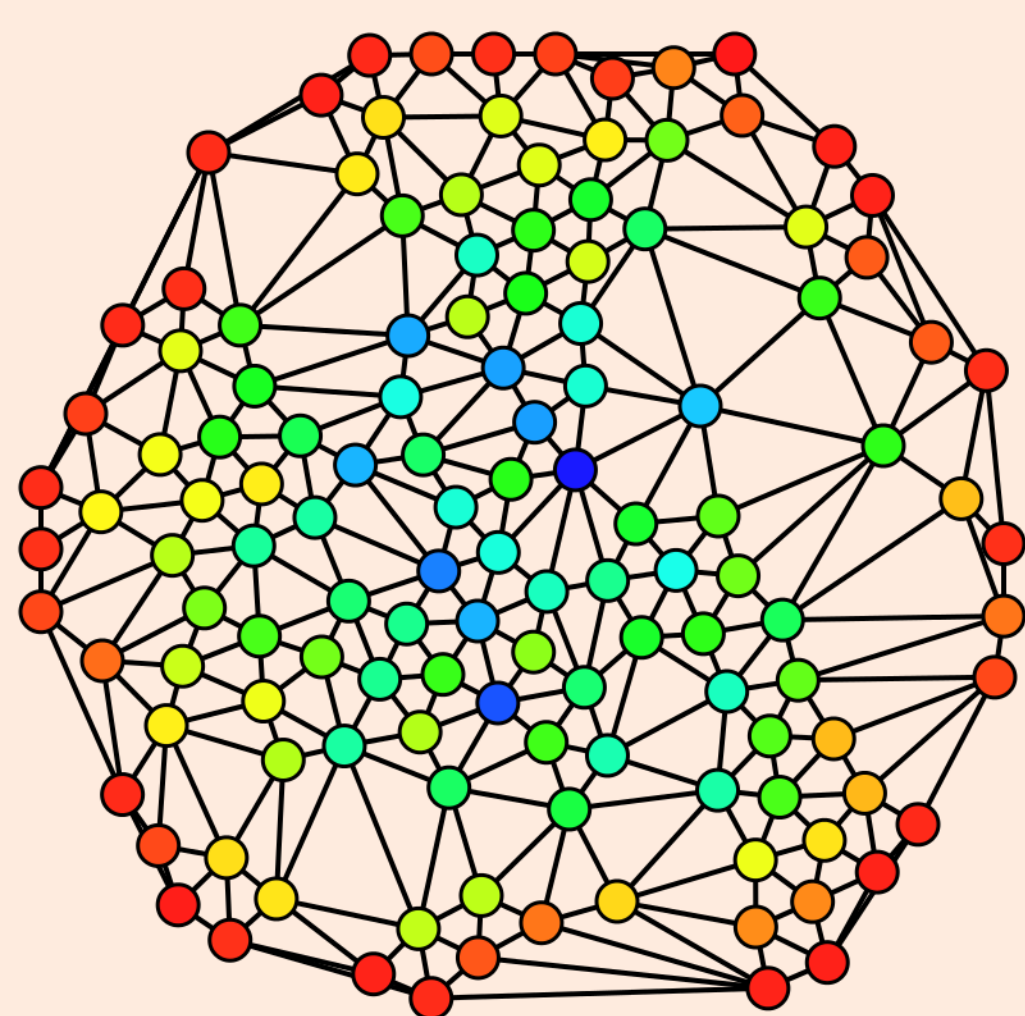


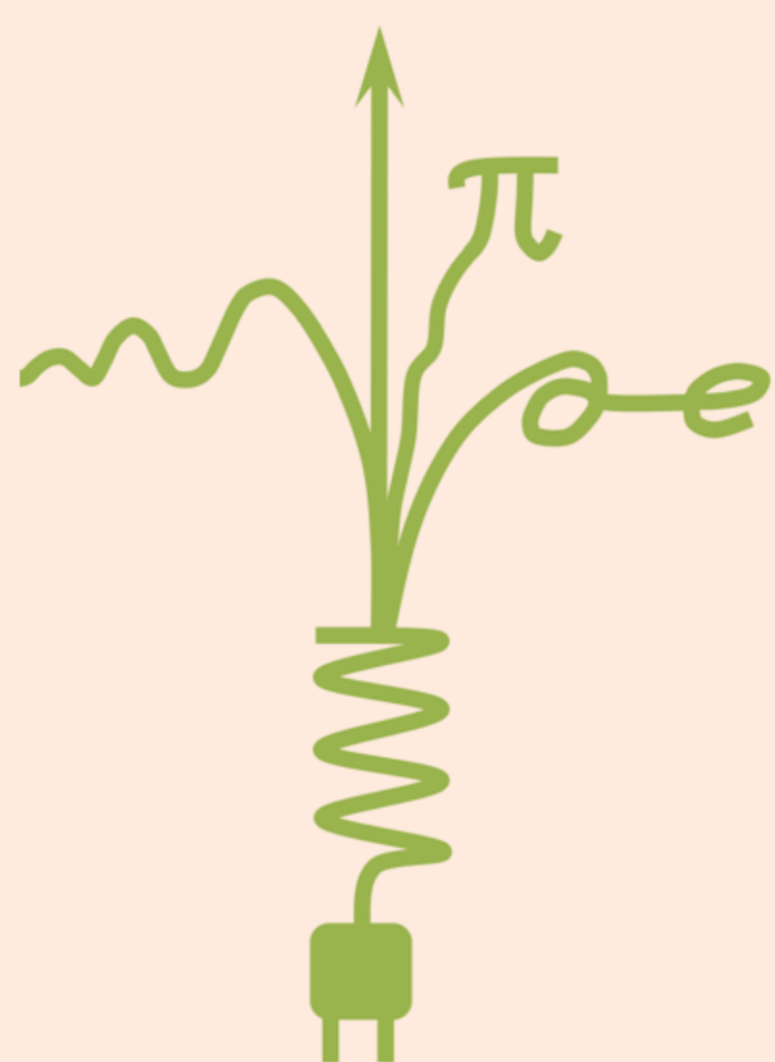
# Colloquia on Mathematics and Computer Science

DTU Compute welcomes master's students, PhD students, postdocs and professors to attend the monthly colloquium. In the colloquia, DTU researchers and guests will present recent advances in mathematics and computer science, current research, or mathematical curiosities. The presentations will generally be accessible for master's students or higher with any field of speciality in mathematics or computer science. After each presentation we will discuss the topic of the day while we are enjoying fresh tea, coffee, cake and cookies.

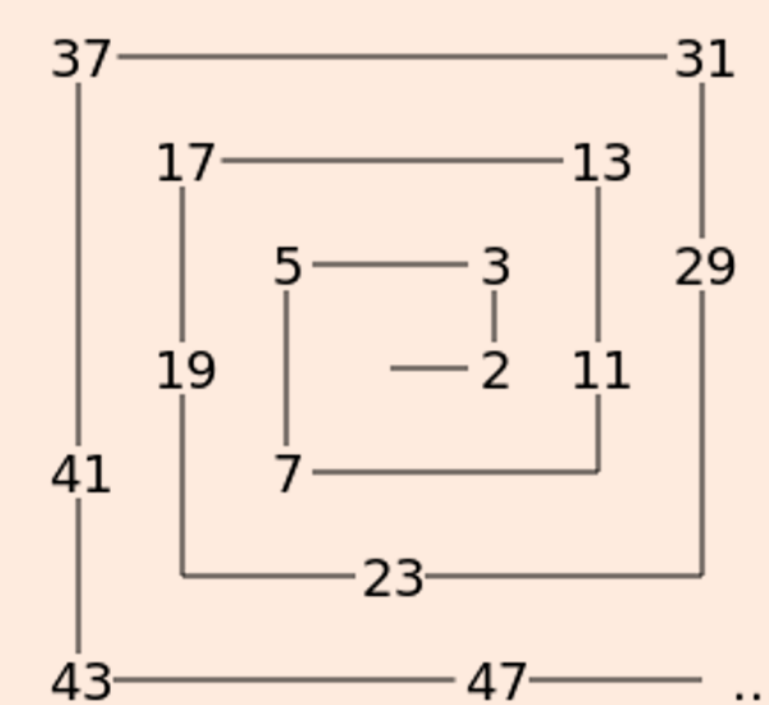


**Betweenness centrality of a network**

[[http://en.wikipedia.org/wiki/Social\\_network\\_analysis](http://en.wikipedia.org/wiki/Social_network_analysis)]



**Smart energy systems: on the interface between mathematics and engineering.**



**Ulam spiral**

## 2015 spring semester programme

### Uncovering fundamental structures of dynamic social networks

Sune Lehmann

DTU Compute

8 April  
bdg. 306 / room 036

### Operations Research Models for Smart Energy Systems

Juan Miguel Morales González

DTU Compute

13 May  
bdg. 306 / room 038

### Distribution of prime numbers

Peter Beelen

DTU Compute

10 June  
bdg. 306 / room 038

**All talks at 15:00**

**[www.compute.dtu.dk](http://www.compute.dtu.dk)**

Organisers:  
Christian Marschler  
Rasmus Bo Sørensen  
Jakob Møller-Andersen