



6<sup>th</sup> Annual Scientific Meeting of  
Computer Science Institute  
of Charles University  
and Institute for Theoretical  
Computer Science (CE-ITI)

Friday, December 1, 2017

All lectures are in the faculty  
building at Malostranské nám. 25

## Program

### *Session 1 – Small Aula, 1<sup>st</sup> floor*

- 9:30 Andreas Emil Feldmann Parameterized approximation algorithms for directed Steiner network problems in bidirected graphs
- 10:00 Jiří Fink Matchings extend to 2-factors in Cartesian graphs
- 10:30 *Coffee break*

### *Session 2 – Small Aula, 1<sup>st</sup> floor*

- 11:00 Tommaso Moraschini A correspondence between logical translations and semantic transformations
- 11:30 Pavel Hrubeš How to generalize Descartes' rule of signs?
- 12:15 *Lunch in the restaurant in the basement of the faculty building*

### *Session 3 – 106<sup>th</sup> Mathematical Colloquium – Room S5, 2<sup>nd</sup> floor*

- 14:00 **Moni Naor** **White-box vs. black-box search problems:  
A cryptographic perspective**
- 15:00 *Coffee break*

### *Session 4 – Small Aula, 1<sup>st</sup> floor*

- 15:30 Jan Ekstein Bounding the distance among longest paths in a connected graph
- 16:00 Pavel Hubáček ARRIVAL: next stop in CLS