



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

December 19, 2016

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

## Program

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

- 9:15 Tereza Klimošová Edge-partitioning graphs into paths and trees
- 9:45 Martin Tancer NP hardness and distinction of topological parameters,  
on a discussion with Arkadiy Skopenkov
- 10:15 *Coffee break, 2<sup>nd</sup> floor corridor*

*Session 2 – Room S6, 2<sup>nd</sup> floor (part of Ramsey DocCourse Prague 2016)*

- 10:40 Rob Morris The method of hypergraph containers 1
- 12:30 *Lunch in the restaurant in the basement of the faculty building*

*Session 3 – Small Aula, 1<sup>st</sup> floor*

- 14:30 Petr Hliněný A short proof of Euler-Poincaré formula
- 15:00 Rostislav Horčík Algebraic approach to valued CSP  
via non-classical logics
- 15:30 Dmitry Gavinsky On quantum vs. classical communication complexity
- 16:00 *Coffee break, 2<sup>nd</sup> floor corridor*

*Session 4 – Room S6, 2<sup>nd</sup> floor*

- 16:30 Hans Raj Tiwary Extension complexity of formal languages
- 17:00 Antonín Kučera Stability in graphs and games