

# Program - Mentoring Course

DECISION SUPPORT SYSTEMS FOR MEDICINE AND FORENSICS

**Wednesday, February 22<sup>nd</sup> 2017**

**Venue:** Faust House, Academic Club of the First Faculty of Medicine, First Faculty of Medicine, Charles University, Karlovo náměstí 40, Prague 2

- 9:00-9:45** Jana Zvárová: Principles of Medical Decision Making. Quantifying Uncertainty: Bayesian Approach and Statistical Decision Support
- 9:45-10:30** Arie Hasman: From Clinical Practice Guidelines to Computer Interpretable Guidelines
- 10:30-10:45** **Coffee Break**
- 10:45-12:15** Petr Berka: Data Mining and Machine Learning
- 12:15-13:00** **Lunch break**
- 13:00-14:30** Bernd Blobel: Managing and Representing Knowledge in Decision Support Systems
- 14:30-14:45** **Coffee Break**
- 14:45-16:15** Radim Jiroušek: Bayesian Networks for Uncertain Knowledge Representation
- 16:15-16:30** **Discussion. Closing of the mentoring course.**