UNIWERSYTET SZCZECIŃSKI
WYDZIAŁ
MATEMATYCZNO-FIZYCZNY

WYDZIAŁ MATEMATYCZNO – FIZYCZNY
Instytut Matematyki

Zaprasza na wykład pod tytułem:

Algorithmic analysis of causal effects

który wygłosi:

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ABSTRACT:

Discovering and understanding of causal relationships is an important topic of empirical sciences. Analyzing causes of diseases, economic crises and other complex phenomena is of great social and economic importance. However, for ethical or economic reasons questions as "Does smoking cause lung cancer?" or "What are the major causes of economic crises?" can be difficult to examine through direct experimentation. On the other hand, there are often available large amounts of observed data that can provide relevant information about these issues. In this talk we give an introduction to causal inference — a quickly growing field of interdisciplinary research involving mathematical statistics, machine learning and some sub-fields of artificial intelligence and computer science, with the goal to explore from observed data and phenomena the causal relationships between different objects and actions like e.g. between medical treatment and recovery. We discuss shortly also the main focus of our research that lies on algorithmic methods of causal inference. Our results have already led to significant improvements in software systems used by empirical scientists.

Wykład odbędzie się **02 października 2018 r.** (wtorek)
o godz. **11.00** w sali 106
w budynku Wydziału Matematyczno – Fizycznego.