

28.06.2018,
16:15,
V3-201

Young Women in Theoretical Sciences

1. Network Meeting

The initiative "Young Women in Theoretical Sciences" supports talented female Master Students and researchers in the field of Theoretical Sciences.

Find out more about the initiative, its regular meetings/events and individual financial support at our first Network Meeting on Thursday, 28.06.2018, with

- a talk by Dr. Diana Conache,
- a joint dinner and
- a guided city tour in the evening ("**Nachtwächterrundgang**")!



SFB 1283

Generalizing the Markov property - two points of view

Dr. Diana Conache

TU Munich

Abstract: Besides independence, the Markov property is one of the nicest properties a collection of random variables can possess. In the context of stochastic processes, it intuitively translates to "given the present, the future is independent of the past". However, such a property can also have a "spatial" meaning, when "given the boundary, the inside of a volume is independent of the outside". In this talk, we will briefly recall these concepts, then try to generalize the notions of "present" and "boundary", respectively. We will also compare these two points of view and see in which cases they are equivalent.

Everyone's warmly invited to attend the talk! Please send a short E-mail until **Monday, 25.06.**, if you want to join the dinner and guided city tour afterwards.

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