Habilitationskolloquium

Einladung zur öffentlichen Aussprache von

Frau Dr. Julia Eisenberg

(Fachgebiet: Angewandte Mathematik)

Dienstag, 18. Juni 2019, um 9:30 Uhr s.t.,
im Seminarraum DA gelb 05a,
Freihaus, 5. OG, gelber Bereich,
TU Wien, 1040 Wien, Wiedner Hauptstraße 8-10

A new approach for satisfactory pensions with no guarantees

The increase in longevity, the ultra-low interest rates and the guarantees associated to pension benefits have put significant strain on the pension industry. Consequently, insurers need to be in a financially sound position while offering satisfactory benefits to participants. In this talk, we consider a pension design that goes beyond the idea of annuity pools and unit-linked insurance products. The purpose is to replace traditional guarantees with low volatility, mainly achieved by collective smoothing algorithms and an adequate asset management. With the aim of offering security to the insured, we discuss the optimisation of some key variables of the proposed pension product to target both a high value of the initial pension and stable pension payments over time.