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## Networking Event

### *Numerical Methods and Applications in Social Sciences*

Wednesday, April 26, 2023, 02:00-06:00pm

Alte Sternwarte, Poppelsdorfer Allee 47 | 53115 Bonn

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Join us for the *Numerical Methods and Applications in Social Sciences* workshop! This transdisciplinary event aims to bring together practitioners and developers of methods to discuss the latest advancements and their application in the social sciences.

This workshop offers a unique opportunity for discussion and learning. The talks will cover a variety of topics, including quadrature and optimization. Our keynote speaker, **Ken Judd**, will talk about climate economics. With degrees in Computer Science, Math, and Economics, Ken Judd embodies the transdisciplinary spirit that we hope to foster.

This is an excellent opportunity to network with like-minded professionals and expand your knowledge of numerical methods and their applications in the social sciences. We hope to see you there!

**Organizers:** Michael Griebel and Hans-Martin von Gaudecker

#### **Program:**

- **Uta Seidler** (Introduction) High-dimensional quadrature methods and their application in economic models
  - **Ole Wilms** Small Data!: Efficient Inference with Occasionally Observed States
  - **Janos Gabler** Tranquilo: A trust-region optimizer for economists by economists
  - **Ken Judd** (Keynote) Dynamic Stochastic Integration of Climate and Economy: An Example of How Third Millennium Computational Science Could Help Social Decisionmaking
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