

**Dagstuhl Seminar 26041**  
**Uncertainty Quantification in Multiobjective Optimization**  
**Program – Monday, January 19, 2026**

**09:00 – 10:30: Welcome Session**

- Welcome and introduction
- Short presentation of all participants (2 minutes each!)

**Coffee Break**

**11:00 – 12:00: Setting the Scene I**    Chair: Richard Allmendinger

- Christine Currie: Multiobjective optimization under uncertainty
- Salvatore Greco and Roman Slowinski: Handling uncertainty of preference representation in multi-objective optimization

**Lunch**

**14:00 – 15:00: Setting the Scene II**    Chair: Richard Allmendinger

- Susan Hunter: Representations under uncertainty
- Mickaël Binois and Sebastian Rojas Gonzalez: An overview of surrogate-based multi-objective optimization for stochastic simulators

**15:00 – 15:30: Discussion: main seminar themes**

**Coffee Break**

**16:00 – 16:30: Group Formation**

**16:30 – 17:45: Working Groups**

**18:00 – Dinner**

**Dagstuhl Seminar 26041**  
**Uncertainty Quantification in Multiobjective Optimization**  
**Program – Tuesday, January 20, 2026**

**09:00 – 09:30: Status Update on Large Working Groups**      Chair: TBA

**09:30 – 10:30: Small Working Groups**

**Coffee Break**

**11:00 – 12:00: Quick Overviews**      Chair: TBA

- Sara Ben Amor: Uncertainties and representations in multi-criteria decision-making/aiding
- Jürgen Branke: Performance Metrics for Multi-Objective Optimisation Under Noise
- Anita Schöbel: Overview of Multiobjective Robust Optimization
- Marlon Braun: Balancing inventory costs and availability with uncertain and infrequent demand in spare parts supply chain management

**Lunch**

**14:00 – 15:30: Small Working Groups**

**Coffee Break**

**16:00 – 17:00: Small Working Groups**

**17:00 – 17:45: Reporting from Small Working Groups**      Chair: TBA

- General discussion

**18:00 – Dinner**

**Dagstuhl Seminar 26041**  
**Uncertainty Quantification in Multiobjective Optimization**  
**Program – Wednesday, January 21, 2026**

**TBA**

**Dagstuhl Seminar 26041**  
**Uncertainty Quantification in Multiobjective Optimization**  
**Program – Thursday, January 22, 2026**

**TBA**

**Dagstuhl Seminar 26041**  
**Uncertainty Quantification in Multiobjective Optimization**  
**Program – Friday, January 23, 2026**

**09:00 – 10:30: Final Reporting from Working Groups**

**Coffee Break**

**11:00 – 12:00: Closing Session**

**Lunch**