

CDM 2019 is kindly supported by:



**Alexander von Humboldt**  
Stiftung/Foundation

**tu** technische universität  
dortmund

 **fakultät**  
**statistik**

### Organising Committee

Purya Baghaei  
Philipp Doebler

### Workshop Venue:

Hotel Esplanade  
Burgwall 3  
D-44135 Dortmund

### Workshop Fees:

- All workshop **fees are waived**.
- Hotel costs covered for all speakers who register early.
- Three early international researcher travel assistance grants.

### Getting there:

#### close airports:

- Dortmund (DTM)
- Düsseldorf (DUS)
- Cologne/Bonn (CGN)
- Münster/Osnabrück (FMO)
- Frankfurt (FRA)

#### by train:

- Dortmund Hauptbahnhof

#### by car:

- via Ruhrschnellweg (A 40 / B1),  
Exit/Abfahrt „Dortmund-Zentrum“

### Contact:

Do you have any questions?

Feel free to contact us:

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(Frau Große-Oetringhaus)

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[www.statistik.tu-dortmund.de/CDM2019](http://www.statistik.tu-dortmund.de/CDM2019)



# CDM 2019

theory meets application

**AN INTERNATIONAL WORKSHOP ON  
COGNITIVE DIAGNOSIS MODELS**

Pre-Workshop Tutorial: July 24<sup>th</sup>  
Workshop: July 25<sup>th</sup> and 26<sup>th</sup>

[www.statistik.tu-dortmund.de/CDM2019](http://www.statistik.tu-dortmund.de/CDM2019)

## OVERVIEW

Cognitive Diagnosis Models (CDMs) and Knowledge Space Theory (KST) are becoming mature technologies with many potential applications in education and psychology. The diverse assessment situations in which CDMs and KST are useful motivate ongoing methodological innovation. This international workshop aims to bring together methodological and applied researchers in a relaxed atmosphere. A pre-workshop tutorial by leading experts in the field aims to popularize the method among educational researchers, followed by a one and a half day workshop.

### Confirmed Speakers:

- Sandra Bley (München)
- Alexander Robitzsch (Kiel)
- Miguel A. Sorrel (UA Madrid)



## PRE-WORKSHOP TUTORIAL

More than three decades after their introduction, cognitive diagnostic models (CDM) have not seen many implementations in assessment systems for the purposes they were devised. With the increased interest in formative assessment in education where students' progress is monitored to provide feedback to learners and educational systems, CDMs seem to be among the optimal psychometric techniques to model students' performance.

The reasons why CDMs may not have become fully operational in assessment systems are their complexity and maybe their inaccessibility for many educationalists. Therefore, the one day pre-workshop tutorial aims to give an introduction to CDMs including some of their latest developments.

### Tutorial Presenters:

- Jimmy de la Torre (U Hong Kong)
- Miguel A. Sorrel (UA Madrid)

### Tutorial Venue:

The venue will be on the campus of TU Dortmund University, only some minutes from Dortmund main station by local train.

### Tutorial Fees:

- All tutorial **fees are waived**.
- Participants are responsible for their accommodation.

Further details are found on the CDM 2019 homepage:

[www.statistik.tu-dortmund.de/CDM2019](http://www.statistik.tu-dortmund.de/CDM2019)

## WORKSHOP DETAILS

### Important Dates:

- 15 March 2019: Registration opens
- 21 April 2019: Early Registration with guaranteed hotel room for speakers closes
- 31 May 2019: Deadline for Abstracts and Early Career Researcher Travel Grants
- 30 June 2019: Registration closes
- 24 July 2019: Pre-Workshop Tutorial
- 25/26 July 2019: Workshop

### International Researcher Travel Grants:

- Three grants for travel assistance up to 500€ each
- Apply with a short CV via email: [CDM2019@statistik.tu-dortmund.de](mailto:CDM2019@statistik.tu-dortmund.de)



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