

Data Integration Exam Preparation 2021

Exam

- Oral, online, around 30 min.
- English
- 15-20 Presentation (60% of the final grade)
- 15-10 Discussion (40% of the final grade)

Exam

- Will be online in BigBlueButton
<https://bbb.fmi.uni-jena.de/b/als-iin-aek-fbd>
Code: 039709
- you must turn on your camera during the exam
- you need to show your Thoska
- Please note the FSU Jena guidelines on interactive online exams:
 - e.g. make sure you are alone in the room and there won't be any disturbance or distraction
 - e.g. make sure your equipment works and you have a stable internet connection
 - There is more (de/engl.):
https://www.uni-jena.de/digitalespr%C3%BCfen_informationenstudierende
https://www.uni-jena.de/digitalespr%C3%BCfen_interaktiv

Exam- Presentation

- 15-20 minutes
- Describe your project including three main tasks
- Task_1
 - data integration scenario
 - Which data integration scheme you will use?
 - Discuss different heterogeneities in data sources
 - mediated schema
- Task_2
 - schema matching using at least two different matchers and with a different combination strategies, and selection methods
 - Which measures, with which combinations are working well with your application?
 - Evaluate the matching results (True positives, false positives, ...)
- Task_3
 - pick up a topic from the remaining parts
 - Data matching, wrapper, semantic integration, uncertainty, XML
 - Only two slides without code implementation

Good Luck