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# Advanced Logic Programming

<https://sewiki.iai.uni-bonn.de/teaching/lectures/alp/2017/>

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## Chapter 0. Organizational Issues

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At <http://sewiki.iai.uni-bonn.de/teaching/lectures/alp/2017> you find

- Course slides
- Exercise sheets
  - ◆ updated each Monday
- Tips about tools and infrastructure
  - ◆ Eclipse, SWI-Prolog, JTransformer, ...
- Schedule
  - ◆ Lectures, exercises, exams
- References
- News

# Regular Schedule

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- Time budget per week (at home)
  - ◆ 1-2 hours reading / learning + 1 hour practical exercises
- ALP lecture
  - ◆ Place: HS 2
  - ◆ Time: Monday, 10:15 – 11:45
- Exercises
  - ◆ Place
    - ⇒ Computer Science students → A106
    - ⇒ Media Informatics students → Windows Pool in yellow container
  - ◆ Time
    - ⇒ determined based on your availability
    - ⇒ see „**Exercise Sheet 0**“ on the website!!!

# Learning

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*Tell me and I'll forget.*

*Show me and I'll remember.*

*Let me do it and I'll know.*

*Confucius  
Chinese Philosopher  
551 – 479 B.C.*

# Learning

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*Tell me and I'll remember 10%.*

*Show me and I'll remember 20%.*

*Let me do it and I'll remember 80%.*

# Exercise groups

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- Small groups
  - ◆ 1 tutor , 3-4 students, 45 minutes
- Emphasis on practical skills
  - ◆ Lots of practical exercises
  - ◆ Electronic result submission via „Git“ repository
  - ◆ Presentation of results and discussion with tutor in front of a computer
- Teamwork is essential
  - ◆ You should solve exercises collaboratively
  - ◆ You should discuss your ideas with your colleagues
  - ◆ You should be able to present any result of the team

# From Exercises to Exams

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- Exam preparation
  - ◆ Regularly doing your exercises
  - ◆ Actively participating in the group discussions
- Getting points
  - ◆ > 50% of the points for the exercises
  - ◆ You only get points for what you explain yourself in the tutorial
  - ◆ The advance submission via Git is only for helping the tutors prepare
  - ◆ If you do not submit in time via Git but are able to present you can still get up to 50% of the points.



# Exams: Dates and Registration

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- Written exams
  - ◆ 9.8.2017, 10:00 -12:00
  - ◆ 18.09.2017, 14:00-16:00
  - ◆ Both in HS 1 + HS 2 (Römerstraße 164, ground floor)
- Exam registration via <http://basis.uni-bonn.de>
  - ◆ You can try twice → skip the first try if you have too many exams!
  - ◆ You must register in time (even if you plan to skip the first try)!
  - ◆ Registration deadline will be announced by e-mail

# Exams: Aims

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- Verify that you can
  - ◆ **discuss confidently** any topic of the course
  - ◆ use the **right terms** the right way
  - ◆ **asses problems** and identify opportunities for using LP techniques
  - ◆ **understand** sample Prolog code
  - ◆ design a **sensible logic programming solution** of a problem
  - ◆ write down short bits of **correct code**.