WS 2017/18: Industrial-Strength Multilingual Language Analysis (ISMLA)

Björn Rudzewitz and Johannes Dellert

The central hub for everything that happens in the course is the **moodle page**:

https://moodle02.zdv.uni-tuebingen.de/course/view.php?id=1854

Room: Blochbau 1.13

Time: Monday and Wednesday 14 c.t.

Lecturers:
Björn Rudzewitz (`bjorn.rudzewitz@uni-tuebingen.de`),
Johannes Dellert (`johannes.dellert@uni-tuebingen.de`)

Office hours: Monday 10-11 (Rudzewitz), Thursday 13-14 (Dellert)

Course Schedule:

Date	Lecturer	Topic
10/23	Rudzewitz	Overview, Introduction to Maven
10/25	Dellert	Important Standard Languages of the World
10/30	Rudzewitz	Introduction to UIMA, Part I
11/06	Rudzewitz	Introduction to UIMA, Part II
11/08	Dellert	Exercise 01: Tokenizing Chinese in UIMA
11/13	Rudzewitz	Introduction to UIMA, Part III
11/15	Dellert	Exercise 02: Recognizing Foreign Names in Chinese
11/20	Rudzewitz	Introduction to UIMAFit
11/22	Dellert	Exercise 03: Resolving Compounds in UIMAFit
11/27	Rudzewitz	Introduction to DKPro
11/29	Dellert	Exercise 04: Using DKPro to Process Arabic
12/04	Rudzewitz	Introduction to GWT, Part I
12/06	Dellert	Exercise 05: Highlighting False Friends
12/11	Rudzewitz	Introduction to GWT, Part II
12/13	Dellert	Exercise 06: Morphologically Informed Web Search
12/18	Rudzewitz	Introduction to GWT, Part III
12/20	Dellert	exchanging project ideas and forming teams
01/08	Rudzewitz	Introduction to Bootstrap
01/10	Dellert	term project kickoff
01/15 01/17 01/22 01/24 01/29 01/31 02/05 02/07	-	project work, sharing of ideas and solutions, presentations of intermediate results

Course Requirements:

Requirements for a **9 CP Hauptseminar** (*Kernbereich CL*):

- passing five out of six **programming exercises** (work in pairs)
- a **term project** (group work possible) using the new technology
    - a **working prototype** of some interesting application
      (many possibilities, we will make some suggestions before Christmas)
    - a **documentation** (15 pages) of the design and possible use cases
    - in case of group work, documentation of individual contributions

Grading:

- exercises count as a *Studienleistung*, they are a prerequisite for the project
- the **term project is graded** and counts as *Prüfungsleistung*

Registration:

- via the moodle page (password: `ismla1718`)
- no requirements are enforced during registration; instead, we can decide
  to deregister you if you do not meet one of these requirements:
    - Java 1&2
    - Programming Course Computational Linguistics
    - Parsing
    - Introduction to General Linguistics
- if the course becomes too full, priority is given to master students
- quick registration is advised: bachelor students are accepted in order of
  registration until the course is full (30 participants)

Access to Materials and Resources:

Everything will be made available via Moodle.