# Tracking and Detection in Computer Vision

**Schedule**
Thursdays
12:00h - 14:00h
MI 00.13.009A

**Tutors**
(1) **Wadim Kehl**
(2) Vasileios Belagiannis
(3) Vladimir Haltakov
(4) Paul Huang
(5) Joe Lallemand
(6) Fausto Milletari
(7) David Tan

**E-mail**
tdcv.tum@gmail.com

1. The course web site is at <*http://campar.in.tum.de/Chair/TeachingWs13TDCV*>. All relevant information regarding the exercises, which includes but is not limited to announcements, schedules, changes, academic papers, and exercise sheets, is there.

2. Students can get up to 11 bonus points from these exercises. This will be added to 100 points from the final exam and 10 bonus points from the midterm exam for a total of 121 points. To pass the class, students must get at least 40 points in the final exam.

3. All exercises will be in Matlab. Therefore, all students must have access to Matlab. Students may get a license from the school[1] by providing your MYTUM username and password[2].

4. All exercises must be submitted through e-mail at least one hour before the first exercise session (11:00h) with the format and information below. If the group fails to submit this e-mail, no marks will be given to the group for the specific exercise.

| | |
|---|---|
| *To:* | <tdcv.tum@gmail.com> |
| *Subject:* | [TDCV13] Exer<exercise number> - <last names of all members> - Group_{number of the group}<br>*For example*: [TDCV13] Exer1 - Belagiannis, Huang, Kehl, Tan - Group 10 |
| *Attachment:* | All codes for this homework. |
| *Body:* | This should include the:<br>(*a*) full official names and Matrikel-Nr. of each member; and,<br>(*b*) reference to any code used in the homework that is not specified on the exercise sheet or by the tutors. |

5. When the exercises are due, we will go around and ask you to demonstrate your work. Additionally, we will ask you questions in order to make sure you understood what we wanted you to do. The members of a group will be graded individually. This depends on the competence of each member to answer questions. Note that we will only correct your work if it is producing correct results – we will not conduct bug-fixing!

6. The students are prohibited to use codes from the internet or other references such as other groups, unless it is explicitly mentioned on the exercise sheet or by the tutors. If students violate this requirement, the 10 points from the exercises will be revoked.

7. Each group is composed of exactly 4 members. We encourage all students to form groups of exactly 4 and not less.

8. For each exercise, the students are required to write a main script that calls the required functions. As an example, if you are tasked to write a function $f(x) = A^{-1}x$, then, you must have the following files:

**f.m**
```
function y = f(A,x)
  y = inv(A)*x;
end
```

**exer.m**
```
% Parameters
A = eye(3);
x = [1;2;3];

% Call function
y = f(A,x);
y
```

**Matlab Console**
```
>>  exer
y =
     1
     2
     3
```

[1] <*http://www.in.tum.de/index.php?id=2805*>
[2] <*https://matlab.rbg.tum.de/login?next=https%3A%2F%2Fmatlab.rbg.tum.de%2F*>