Welcome to INF250 Image analysis

Ingunn Burud

Introduction

Book

- Burger&Burge: Digital Image Processing
  - An Algorithmic Introduction Using Java 2. Edition
    - http://imagingbook.com
- Some extra material
- Plans for the course on Canvas
  - Will be updated

The team

- Ingunn Burud, lecturer and course responsible
- Email: ingunn.burud@nmbu.no

- Sina Rokhideh, assistant
- Joel Yacob, assistant

- Lectures
  – Tuesdays 14:15- 16 (TF1-201)
- Exercises
  – Thursdays 12:15-18 (TF4-102)

Software and resources

- Python (Anaconda)
- https://www.anaconda.com/download/

  – Scikit-image http://scikit-image.org/

- ImageJ / Fiji
- https://fiji.sc/

The work

- You will use your own PC/Mac
- Theory and techniques will be presented in the lectures
- There will be exercises related to each lecture
  - If needed we will go through some exercises together
- The exercises are a big part of the course, it is very important that you carry out all the exercises for your own understanding of the material
- There will be 3 exercises to hand in, where 2 need to be approved
- The exercises are a part of the course and considered known for the exam