

Welcome to Catalysis  
Engineering!

# Permanent staff

## Principal Investigators



Atsushi Urukawa  
(section head)



Monique van der Veen



Atul Bansode



Els Arkesteijn

## Management Assistant

## Technicians



Bart van der Linden



Willy Rook



Harrie Jansma



Liliana Baron

# Working hours

- Lab work permitted: 8:00-17:00 on working days
- 17:00-18:00: clean-up
- Outside these hours: - permission (deputy) area supervisor is required
  - second person needs to be present in the same lab

**Ask this on time**



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- For experiments that run overnight: steady state ideally reached before 17:00

# Safety Assessment Sheets

1. Submit online,  **submit this on time**
2. signed electronically by (deputy) area supervisor
3. Place it next to your experiment  **No SAS, experiment may be switched off**
4. Label samples/glassware with name of the person, content and date

For a few basic things you don't need a Risk Assessment:

- Drying samples in a normal oven placed under ventilation
- Some standard measurements in some commercial instruments

**=> Still write all information in the logbook**

# Logbook

- Use a logbook, mentioning all noteworthy actions and observations.
- Starting and stopping date and time of experiment, experimental conditions, change of conditions or settings, instrument failures etc
- Legal obligations

# A good place to work...

- Do not hesitate to ask for help and inform others about your activities. Also: help others 😊
- Create a learning environment how to do nice research
- If you spill/break something. This is OK, but clean it, have it reordered, ...
- Put chemicals back in the storage location indicated in the Labservant at the end of the day
- If something in the lab or in working with others appears unsafe to you, discuss it.

# A good place to work...

Technicians are the backbone of the lab, they are your Sherpas, but Sherpas also need to be looked after:

- ask your daily supervisor for help first
- plan & communicate ahead
- be prepared (know e.g. which experimental conditions you need, etc.)

For daily supervisor:

- Be involved in the communication of your student with the technicians
- For certain equipment (because of long training times) students will not or only a few PhD/PD will be trained
- If you go away for longer period: have a plan for your student that you discussed with all people of whom this student needs support during your absence



# Professional communication

It's not about what you say ...

It's about how you say it.

Be mindful of others and their perspective.

# Safety section in thesis report

- Obligatory at CE section
- 1 or more pages as appendix or part of materials and methods
- More details on content in the e-mail