**Student name and email:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Lab: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name of direct supervisor and email:
\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Please describe the scientific question of interest: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
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Please describe shortly the model system (Sample, label, buffer, dish/coverslip, desired penetration depth and resolution):
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What would you expect to derive from experiment? (co-localization/structural organization/dynamic properties etc.)
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Which microscope would you like to be trained on and why:
(For example: you will choose TIRF if you are only interested in imaging plane close to coverslip; Scanning confocal/SIM for slower imaging with higher resolution etc..)
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Expected duration of acquisition- can you estimate how large the statistics you would need?
(# successful experiments)
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Do you know already which analysis pipeline would fit to your experiment? Do you have this running in your lab or would you need to set it up yourself?
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**General Rules:**

* Please fill the form, sign and also have your direct supervisor on it
* The practical training duration for the different microscopes:
WF- **2**\*1h
TIRF- **2\***2h
Spinning Disc- **2\***2h
Confocal/SIM- **2\***2h (confocal) **+ 2\***2h(SIM)
Lifetime-2h
* When the practical training is divided to **2 sessions**, one will be focusing on microscope technicalities (imaging a standard sample while modifying varied parameters) and the second will focus on optimizing your own sample.
* **The second training requires the presence of both you and your direct supervisor from the lab**
* In addition, all trainees are obligated to participate in a **theoretical session** that will be held during the semester (info will follow later by mail).

After completing 2 training sessions successfully, you will be granted access to the microscope room and booking system. Please follow the **guidelines** for each microscope carefully (placed in the room), fill in the **logbook** when encountering problems.
*\*We highly recommend to take preliminary data set in several conditions and analyse it before diving into experiments!*

**Teams channel** is set for each microscope, to establish direct communication between users and facility, answer questions quickly or consult on experiments. If you do not object, your email will be added to the relevant Team chat.
 *Do you agree to be added to teams?* **Yes / No**

In our **website** you can find information about the microscope, useful links and extra reading material.
(*https://www.tudelft.nl/tnw/over-faculteit/afdelingen/bionanoscience/research/facilities/kavli-nanolab-imaging-centre*)

For questions/support or anything else- We are here to help!

Michal Shemesh: M.Shemesh@tudelft.nl
Wiel Evers: W.H.Evers@tudelft.nl

**Date:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Signatures:**

Student: Direct Supervisor:

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