

# PhD notebook

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## 1 Administration

Create tax card, need contract information as salary

link is here and go to Forskudsopgørelse

Webinar "moving to Denmark and PhD at DTU"

take the session 2026/02/20 from 1pm to 2 pm

Mandaroty introduction culture day

Chose the option 10 March from 10:45 am to 2 pm

## 2 Teaching

### 2.1 Course Preparation

### 3 Bibliography

### 4 Powder production processes

### 5 Factors influencing metallic powder size and quality during gas atomization

#### 5.1 Material properties

##### 5.1.1 Pure metal

##### 5.1.2 Alloy

#### 5.2 Gaz environment

#### 5.3 Nozzle geometry

#### 5.4 Thermal condition

## 6 Experiments

### 6.1 Experiment 1

#### 6.1.1 Description (Setup, parameters, assumptions, hypotheses)

#### 6.1.2 Chronology (facts)

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#### 6.1.3 Decisions & Rationale

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#### 6.1.4 Lessons Learned

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#### 6.1.5 Keep in Mind

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#### 6.1.6 Storytelling

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## 6.2 Experiment 2

6.2.1 Description (Setup, parameters, assumptions, hypotheses)

6.2.2 Chronology (facts)

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6.2.3 Decisions & Rationale

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6.2.4 Lessons Learned

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6.2.5 Keep in Mind

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6.2.6 Storytelling

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## TO-DO LIST

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