

Thèses de doctorat

Les défenses publiques de thèse ont principalement eu lieu en visioconférence. 15 doctorants ont soutenu avec succès leur thèse en 2020 à Neuchâtel.

*Thèses de doctorat
défendues à
Neuchâtel en 2020*

| Date | Unit | Candidate | Thesis title |
|----------|-------------|-------------------------|---|
| 09.01.20 | LMTS | Schlatter Samuel | Inkjet printing of soft machines |
| 10.01.20 | LAI | Burnand Guillaume | Small scale very high speed slotless permanent magnet motors |
| 21.02.20 | PVLAB | Cattin Jean | Characterisation of Silicon Heterojunction Solar Cells Beyond Standard Test Conditions |
| 13.03.20 | LAMD | Guenat Elliott | Advanced design methods and non-ideal gas lubrication applied to aerodynamic bearings |
| 05.06.20 | ICLAB | Caizzone Antonino | An Ultra Low-Noise Micropower PPG Sensor |
| 11.06.20 | INSTANT-LAB | Thalmann Etienne | Flexure Pivot Oscillators for Mechanical Watches |
| 26.06.20 | INSTANT-LAB | Fifanski Sebastian | Flexure-based mecano-optical multi-degree-of-freedom transducers dedicated to medical force sensing instruments |
| 31.07.20 | LAMD | Katuwal Chhetri Suresh | Numerical and experimental investigations on non-contacting seals for small-scale applications |
| 04.08.20 | PVLAB | Tuomiranta Arttu Matias | Prediction of Photocurrent in Bifacial Photovoltaic Systems |
| 02.09.20 | PVLAB | Bloch Lionel | Optimal path to a high share of distributed PV in low-voltage distribution grids |
| 04.09.20 | LAI | Masson Louis Antoine | Sensorless Quasi-static Piezoelectric Actuator for Micro-Robotics |
| 10.09.20 | ICLAB | Capoccia Raffaele | Modeling for Ultra Low Noise CMOS Image Sensors |
| 28.09.20 | PVLAB | Sahli Florent | Development of Highly Efficient Perovskite-on-Silicon Tandem Solar Cells |
| 23.10.20 | LAMD | Rosset Kevin | Small-scale organic Rankine cycle turbo-generator for waste heat recovery on truck engine |
| 28.10.20 | GALATEA | Vlugter Pieter | Investigation of femtosecond laser-tuned thermomechanical properties of fused silica |