



NTNU in Trondheim – Erasmus day at U. Bari

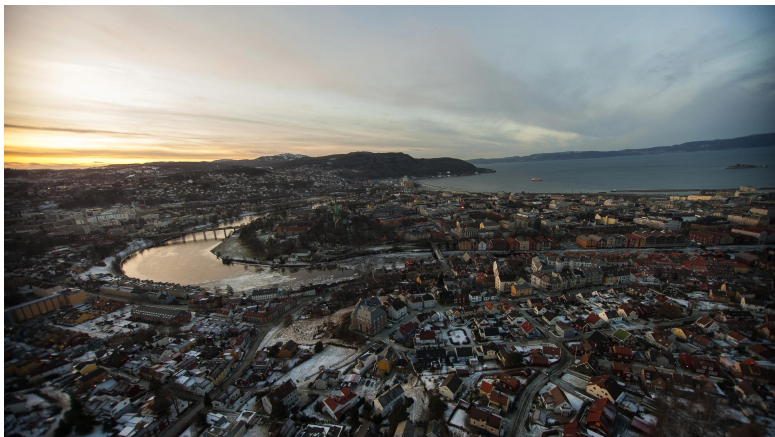
NTNU: Norges teknisk-naturvitenskaplige universitet

- 45.000 student in 3 towns:
 - ▶ Trondheim: 220.000 inhabitants, first capital of Norway



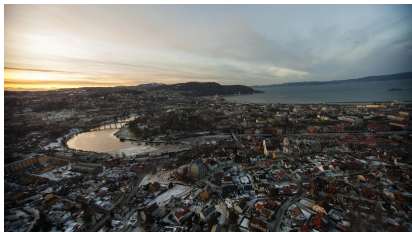
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- ▶ Gjøvik
 - ▶ Ålesund
- covers most ranges of science, except law and theology
 - emphasis on science and technology
 - strong student life & associations

Departement of Physics and its study programs:

~ 45 professors, 160 employees, ~ 120 physics students starting/year

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- 2 options
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 - ▶ 5yr “Technical Physics” & Bio- and Medical Physics program
 - ▶ (5yr teacher program)

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- almost all courses are given in only one version
- exchange students can choose any of them
- teaching period: week 2–17, week 34–47
- see <https://www.ntnu.edu/physics/courses>

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 - ▶ 6 prof., astro/particle physics & numerical physics

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- **2 Centres of Excellence: QuSpin & Porous Media Physics**
 - ▶ 15 prof., spin electronics, flows in porous media

Study program

- **Standard courses:**

- ▶ Mechanical Physics, Electricity and Magnetism, Thermal physics, ...
- ▶ Classical Mechanics, Electrodynamics, Statistical Physics, Quantum...
- ▶ Computational Physics, ...

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- Solid state
- Bio/Medical
- Nano/Material
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