

The Norwegian University of Science and Technology (NTNU) in Trondheim represents academic eminence in technology and the natural sciences as well as in other academic disciplines ranging from the social sciences, the arts, medicine, teacher education, architecture to fine art. Cross-disciplinary cooperation results in innovative breakthroughs and creative solutions with far-reaching social and economic impact.



NTNU and Shanghai Jiao Tong University

Joint Research Centre (JRC) 4 energy related PhD positions (in social science, architecture and engineering) at NTNU

A Joint Research Centre (JRC) Agreement in «Sustainable Energy» was signed by Shanghai Jiao Tong University (SJTU) and the Norwegian University of Science and Technology (NTNU) in May 2010 in Shanghai.

By teaming up together in this goal-oriented JRC SJTU and NTNU will be in a considerable better position to contribute to bringing forward new solutions in key technology areas that will be important to the future.

4 PhD positions will be located at NTNU, TRONDHEIM, NORWAY and 4 PhD positions will be located at Shanghai Jiao Tong University, CHINA.

The PhD candidates located at NTNU will have the opportunity to carry out part of their work at SJTU in Shanghai.

The PhD positions at NTNU will be located at the following faculties:

- Faculty of Humanities (1 position) (IVT-106/11)
- Faculty of Architecture and Fine Art (1 position) (IVT-107/11)
- Faculty of Engineering Science and Technology (2 positions) (IVT-108/11 og IVT-109/11)

Energy system analysis group (IVT-106/11)

Project title: «Developing offshore wind industry in and between China and Norway»

Energy use in buildings group (IVT-107/11)

Project title: «Integrated performance simulation of BIPV/T systems, analyzing their potential to fulfill the energy requirements of a typical residential building in Shanghai and Trondheim, aiming to achieve zero energy/emission buildings»

The Use of CO₂ as a working fluid group (IVT-108/11)

Project title: «Development of a concept for utilizing CO₂ as refrigerant in air conditioning and heat pump systems in combination with ground source storage»

Process Technology & LNG Technology group (IVT-109/11)

Project title: «Cooling and Condensation of Multicomponent Mixtures for improved LNG Processes»

An application inclusive CV, grade transcripts, and other enclosures are to be submitted via www.jobbnorge.no, ref.no. IVT-106/11, IVT-107/11, IVT-108/11 or IVT-109/11. **Application deadline: 31 January 2012.**

Further information about the positions are available at <http://www.nettopp.ntnu.no> or www.jobbnorge.no

jobbnorge.no



Ref.nr.	Bestiller	Fakturaadresse	Mrk + nr.	EU-portal	NAV arbeid	jobbnorge
	Ingvild Nilsdatter	IVT-fakultetet	Mrk 642505	0	4	4