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ME Software Engineering (Specialty: Text Translation), Peking University, China 2013
BA English, South China University of Technology, China 2010

**Research Interests:** Machine Translation; Cognitive Ergonomics; Human Factors; Language Technology; Translation Studies; Computer-Aided Translation

**Supervisors:** Dr. Sharon O’Brien and Prof. Dorothy Kenny

**Research Project:**Human Factors in Machine Translation

**Abstract:**
Ke’s research involves ethnographic and Human-Computer Interaction-based studies of real users of MT output in an investigation of the cognitive and socio-technical issues affecting MT acceptance and adoption. She specifically conducts research on the cognitive ergonomic factors surrounding the technological environment in which MT is used. The objective of her research is to improve understanding of cognitive, ergonomic and usability issues associated with MT usage across professional and volunteer translators and end-user communities, for both structured and user-generated content.