

Research project and supervisory team

Supervisory Team	Chengbo Wang , PhD
Short introduction & description of research project	The Magnetic Resonance Imaging (MRI) Research Centre in the University of Nottingham Ningbo China (UNNC) was founded in 2018, and is an integral part of the Sir Peter Mansfield Imaging Centre (SPMIC) in the University of Nottingham in UK (UNUK). The MRI Research Centre in UNNC develops and applies magnetic resonance techniques in a broad range of areas including: Cryogen-free MRI, rotatable multi-gesture MRI, hyperpolarized-gas MRI, MRA, ASL and reconstruction et al. The MRI Research Centre in UNNC is led by Dr. Chengbo Wang (UNNC). Currently, we are collaborating with a local MRI manufacture: Ningbo XinGaoYi Medical Equipment Co. Ltd and have access to their full product lines. We installed one 1.5T rotatable cryogen-free MRI onsite, can access the same rotatable 1.5T MRI scanner installed in a local hospital, a small infant 1.5T MRI scanner with MR-compatible incubators to scan infants, as well as one 3T MRI scanner in local hospitals (all from XGY). On the other hand, we are working with Prof. Thomas Meersmann to develop a new-generation of hyperpolarized noble-gas polarizer, and performing hyperpolarized noble-gas MRI research.
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