Magnetic Resonance Fingerprinting Demystified

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Magnetic Resonance Fingerprinting (MRF), a potentially disruptive innovation, could both mark the advent of quantitative imaging in routine clinical MR and open new areas of research. This talk will cover several inter-connected topics, starting with the potential impact of quantitative MR on healthcare, followed by an in-depth look at the key properties of the MRF framework. The talk will conclude with an overview of opportunities and challenges associated with MRF. Specifically, imaging with heterogeneous RF fields and sequence design optimization will be discussed.