

## New Sequences and Techniques

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### Summary

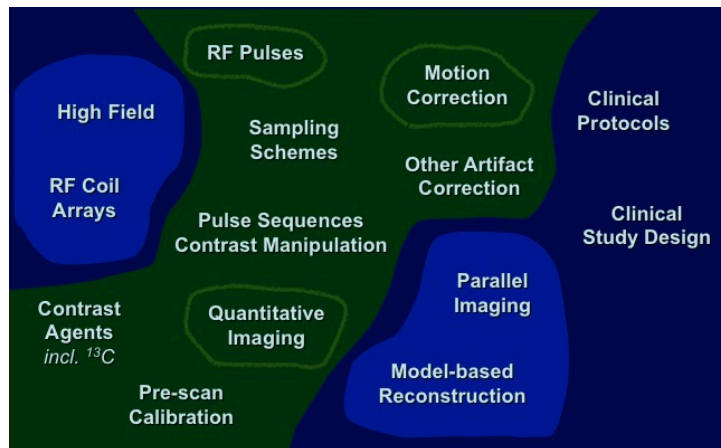
This talk will provide a survey of new pulse sequences and imaging techniques for human cardiovascular magnetic resonance (CMR) imaging. Given the breadth of potential topics (see Figure below) and short duration, I will focus on just three or four recent and potentially high-impact innovations. In 2012, the topics covered were: (i) self-refocused RF pulses, (ii) measurement of extracellular volume, and (iii) motion correction.

### Who will benefit from this information?

Basic scientists and clinicians with an interest in CMR.

### What will learners be able to do differently because of this information?

Will be able to explain three or four recent innovations, and potentially incorporate them into their research or clinical practice.



CMR Technology Roadmap. This talk will highlight three or four recent innovations within the “green” band which includes pulse sequences and imaging techniques, but does not include hardware/infrastructure, or advanced image reconstruction (covered by other talks in this session).