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- SPHERE: Sensor platform for eHealth
    - Heterogeneous sensor set
    - Personalised models
    - Quantification of Uncertainty
    - Background knowledge
    - Interpretable models
  - Data-intensive Challenges
    - Noisy sensors
    - Incomplete knowledge
    - Ambiguous labels
    - Expensive labels
    - Differing context
    - Temporal patterns

**Solutions:** Bayesian modelling; Sensor fusion; Calibration; Transfer Learning; Active Learning; Circular statistics

<http://irc-sphere.ac.uk/work-package-5>