Transforming Musicology

Arts & Humanities Research Council

One of nine projects funded by AHRC Large Grants in the context of the 'Digital Economy'

Three Themes:

- Digital Transformations
- Science in Society
- Translating Cultures

www.transforming-musicology.org

Transforming Musicology

Arts & Humanities Research Council

Principal Investigator:

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Co-Investigators:

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Prof Mark Sandler, Prof Geraint Wiggins (QMUL)

Prof David de Roure, Prof Laurence Dreyfus (Oxford)

Dr Alan Marsden (Lancaster), Dr Frans Wiering (Utrecht)

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Arts & Humanities Research Council

Project Manager:

Richard Lewis (GUL)

Research Associates:

David Lewis and Ben Fields (GUL), Kevin Page (Oxford), Ken O'Hanlon (QMUL), ANO Programmer (GUL)

PhD students:

Carolin Rindfleisch (Oxford, *Wagner*)

Justin Gagen (Goldsmiths, *Social Media*)

TBA (QMUL, *Music representation*)

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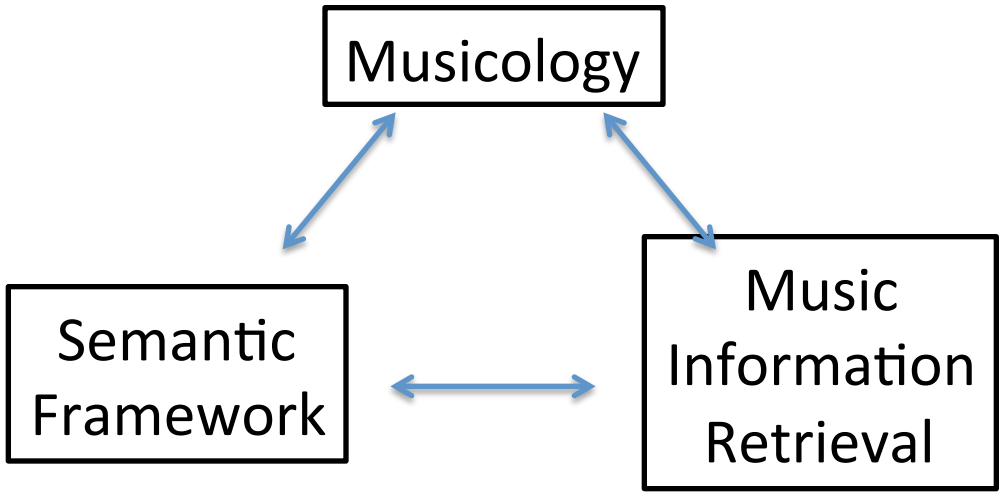
Background

1999-2003: *Online Music Recognition And Searching* (OMRAS)
Funded by US/UK Digital Libraries Initiative (JISC/NSF)

2006-2010: *OMRAS 2*
Funded by EPSRC as their first Large Grant in Information and Communication Technology

2008-2012: *Purcell Plus: Exploring an eScience Methodology for Musicologists*
*F*unded by AHRC/EPSRC/JISC Arts & Humanities eScience Initiative

'Transforming Musicology' is all about:



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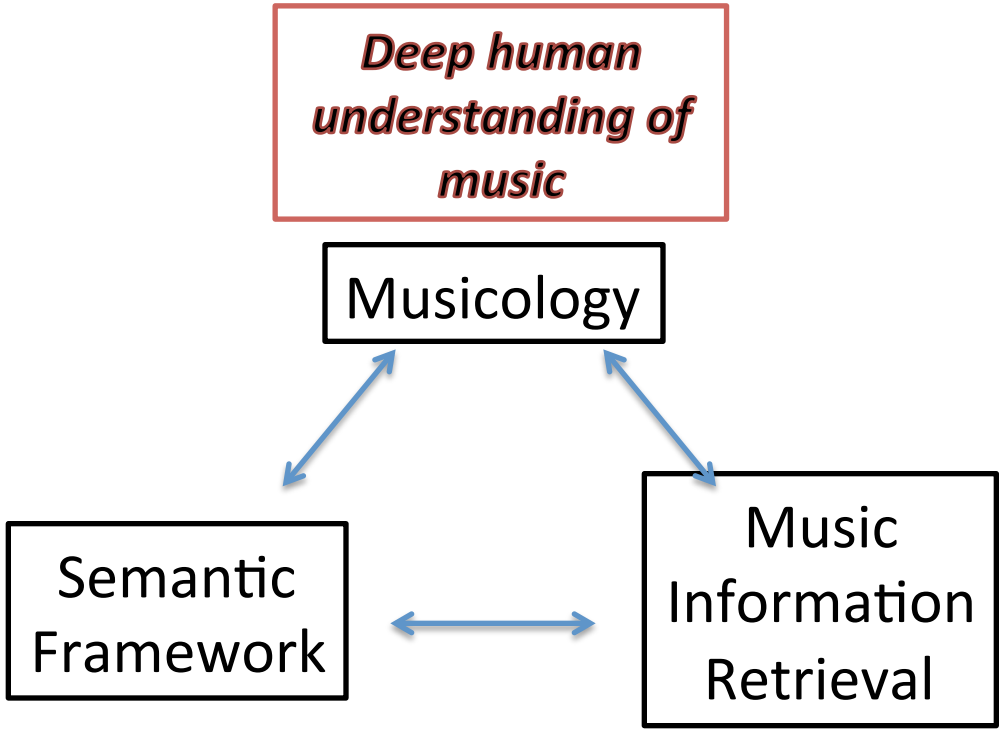

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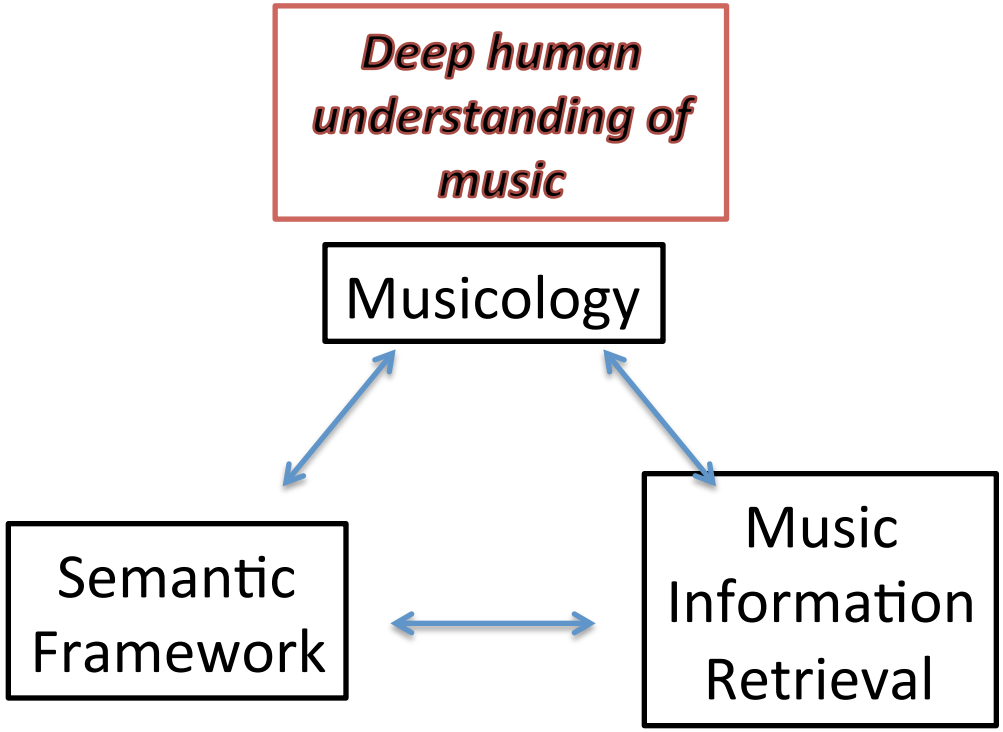

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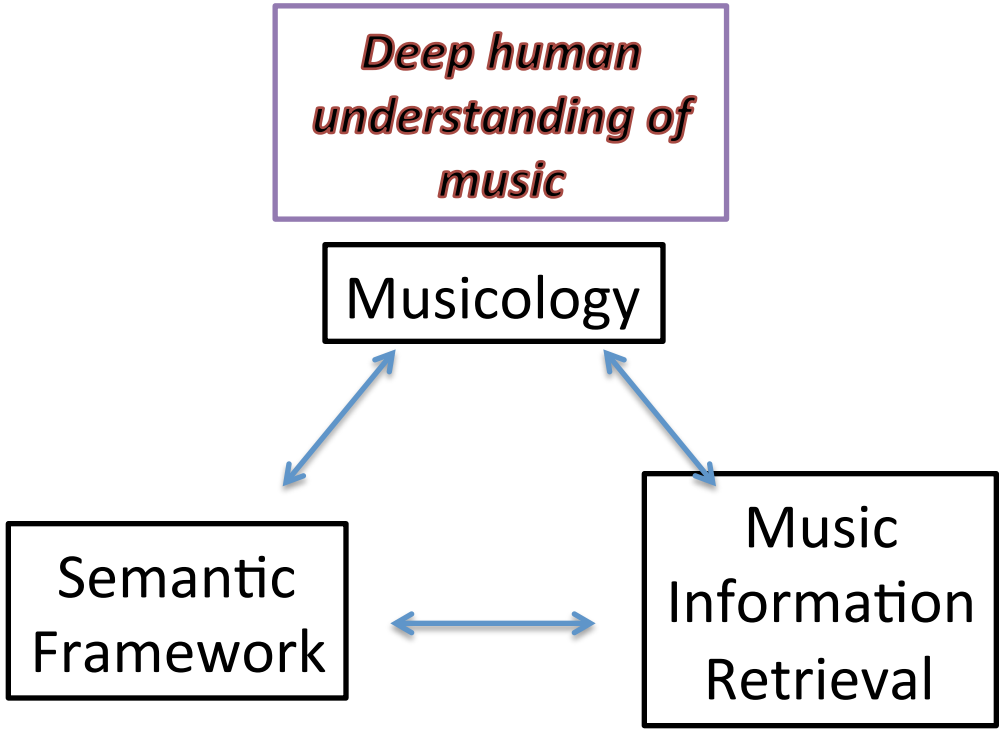

Global exchange of cultural concepts

Computational analysis and matching

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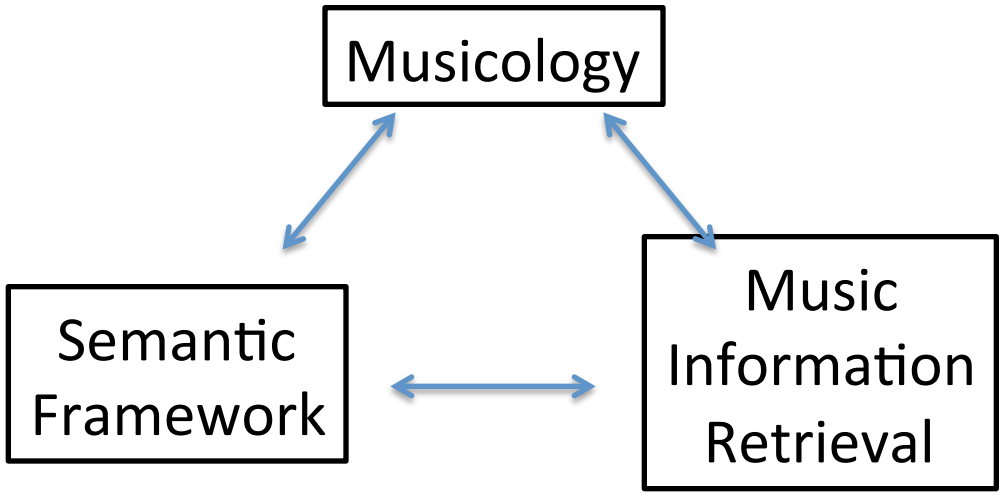
Communities of interest



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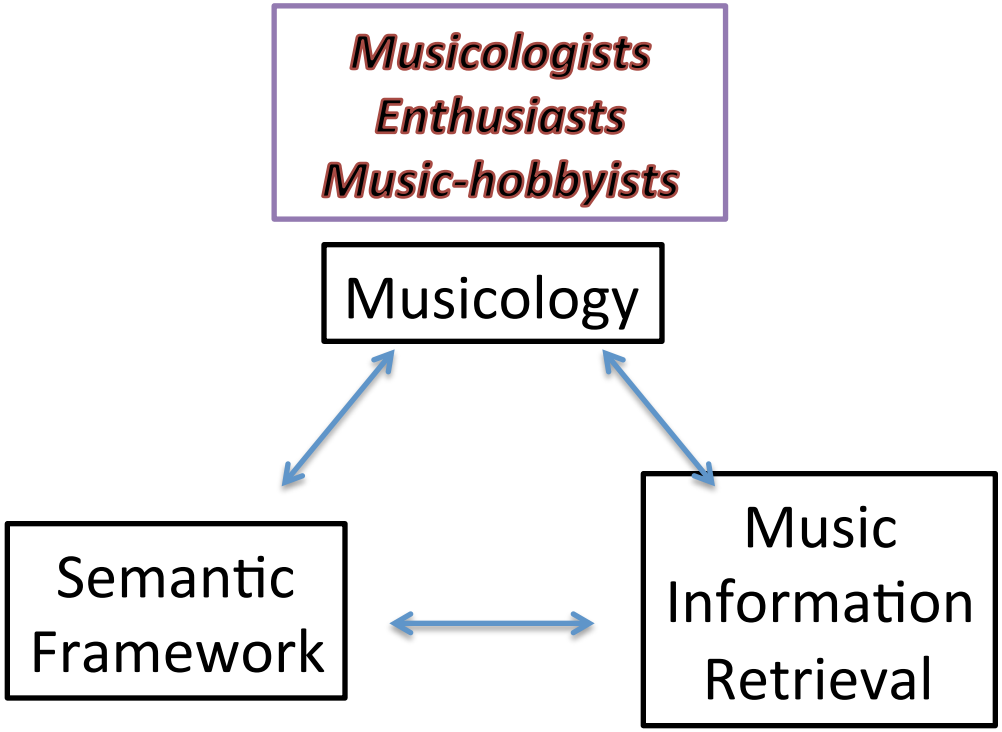

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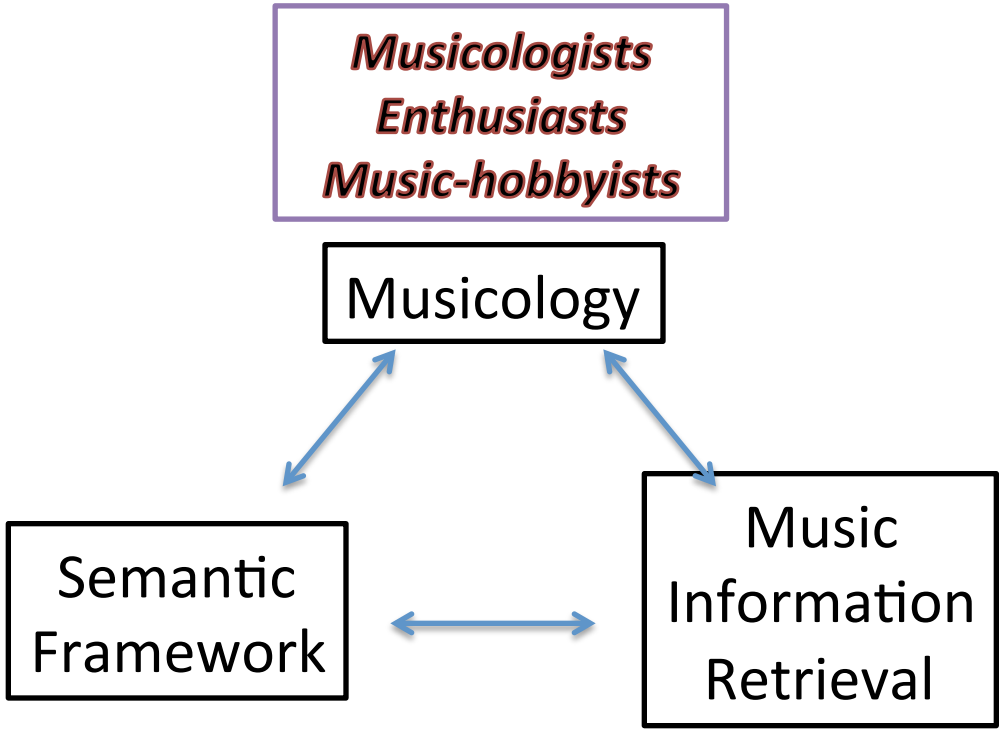

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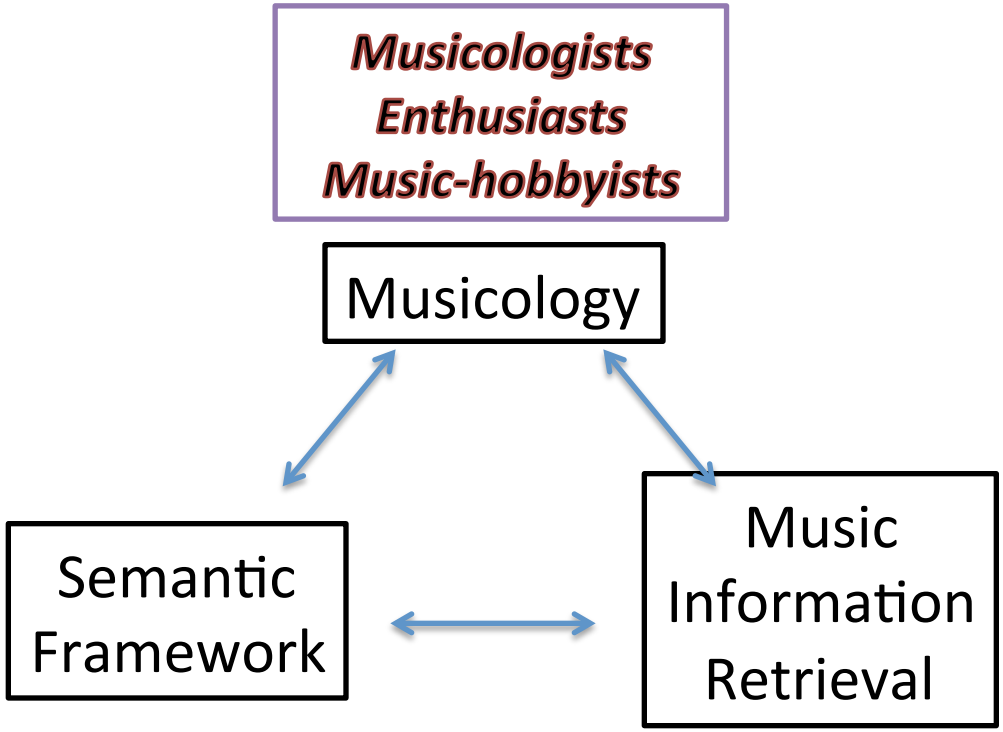

Project team
Other disciplines
Global public
… Anyone!

Computer scientists
Audio engineers
Data scientists
Music industries

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Digital Transformations

The ***AHRC Digital Transformations*** scheme is concerned with understanding how digital technologies and digital culture can transform research in the arts and humanities.

Transforming Musicology recognises the disruptive changes digital culture has brought about in music and aims to be in the forefront of a consequent transformation of the discipline of musicology.

Digital Transformation in the Transforming Musicology project

Explore how software tools being developed by the music information retrieval (MIR) community may be applied in a variety of areas of musical study:

1. Enhance use of digitally encoded sources to study 16th-century lute and vocal music; develop new musical pattern-matching methods for musicology;
2. Augment traditional study of Richard Wagner's leitmotif technique through audio pattern matching, supported by psychological testing;
3. Use MIR tools and network analysis to explore how musical communities on the Web engage with their music; develop a social platform for furthering musical/musicological discussion online.

Digital Transformation in the Transforming Musicology project

Also …

Mini-projects

'Semantic Framework'

Arts & Humanities
Research Council

Transforming Musicology

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