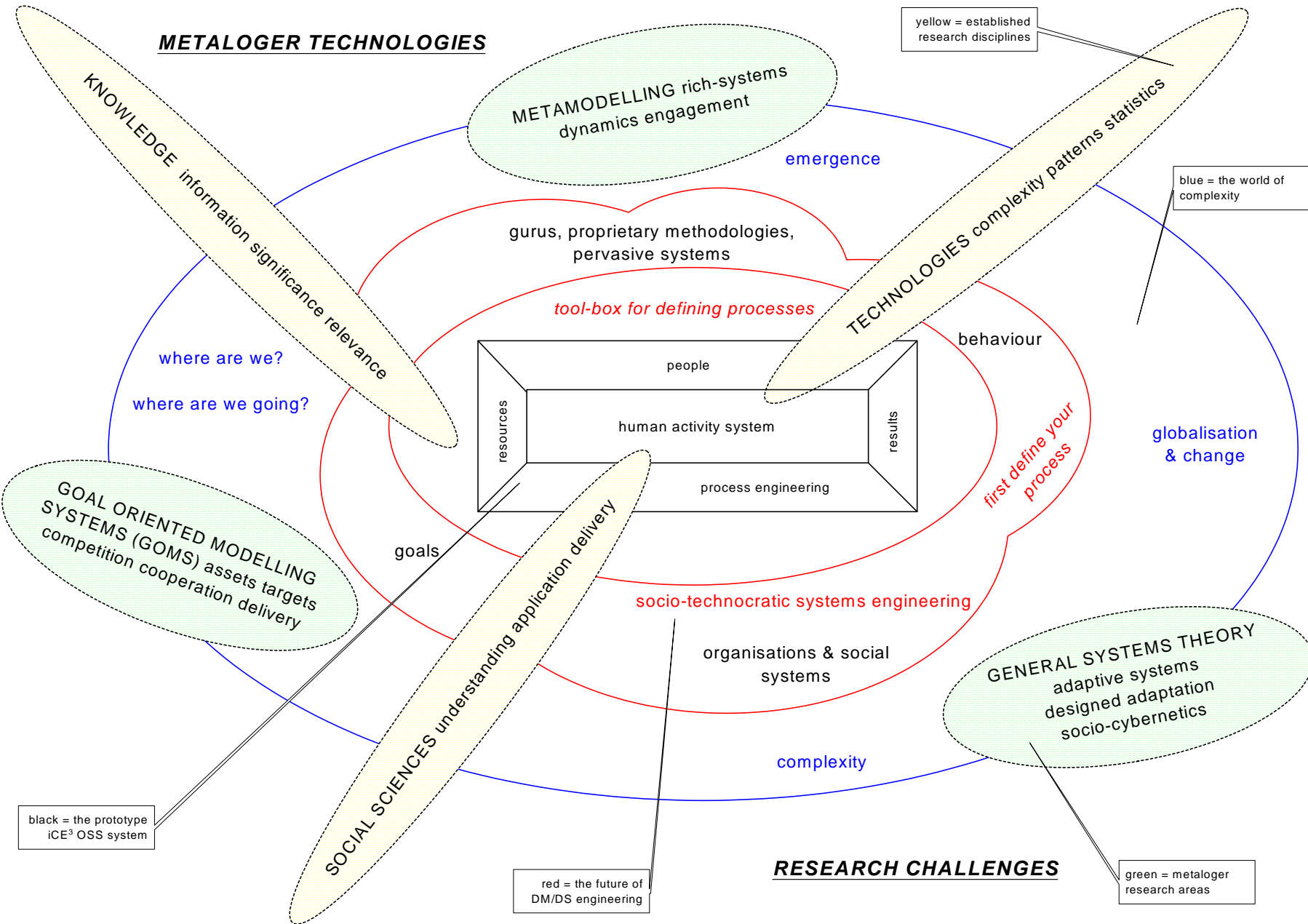


PROPOSED SCHEMA FOR TASK FORCE MEETING ON DM/DSS SYSTEMS



WHAT IS META-MODELING?

John Sutcliffe-Braithwaite

The presentation will discuss the nature of a DS/DM system applicable to an everyday organisation, viewed as both a social enterprise and one that has to get things done! The basis is considered to involve 'process' automation. But the question is what process, and even what do we mean by 'process'?

1. I will start by outlining developments in the area of OSS (Operational Support Systems), as an example of 'process' support. Then I will touch briefly on the extension of this into the area of continuous change and development using 'tool boxes' to enable process modification
2. Then we will consider the nature of a 'socio-technocratic' society, asserting it demonstrates the challenge of modern organisational process automation. Of course the challenge of this lies in trying to support the richness of real organisational life in any kind of meaningful and useful way (assuming we can even pin down what is meaningful and useful)
3. The dimension of complexity is inserted because everyone likes to be seen to be on the latest bandwagon – but not too caught out by the difficulty of defining the concept and its applicability. In the Metaloger world, the mathematics of complexity control the derivation of 'significance'
4. Some of the current disciplines and technologies will be outlined to show both glimpses into possible aspects of 'solutions' , and to highlight their current limitations
5. This leads to the vision of a Metaloger which is the direction we consider fundamental solutions lie in. This requires us to spell out the fundamental research challenges, which are especially daunting because they involve paradigm change
6. At the end of the discussion, I would like to pose the obvious questions: why do this? And perhaps even more of a conundrum: who will pay for it?

All of the above represents my 'take' on this vast subject. Where the discussion leads and what is discussed will be influenced by the dynamics of the session, the context established by other sessions and the participants process of engagement with the purpose of the task force – which is to consider the tapestry of the Decision Support and Decision Making expert world.