UNIVERSITÀ DEGLI STUDI DI TRENTO

Science 2.0
What do we have to offer to its development?

Fausto Giunchiglia
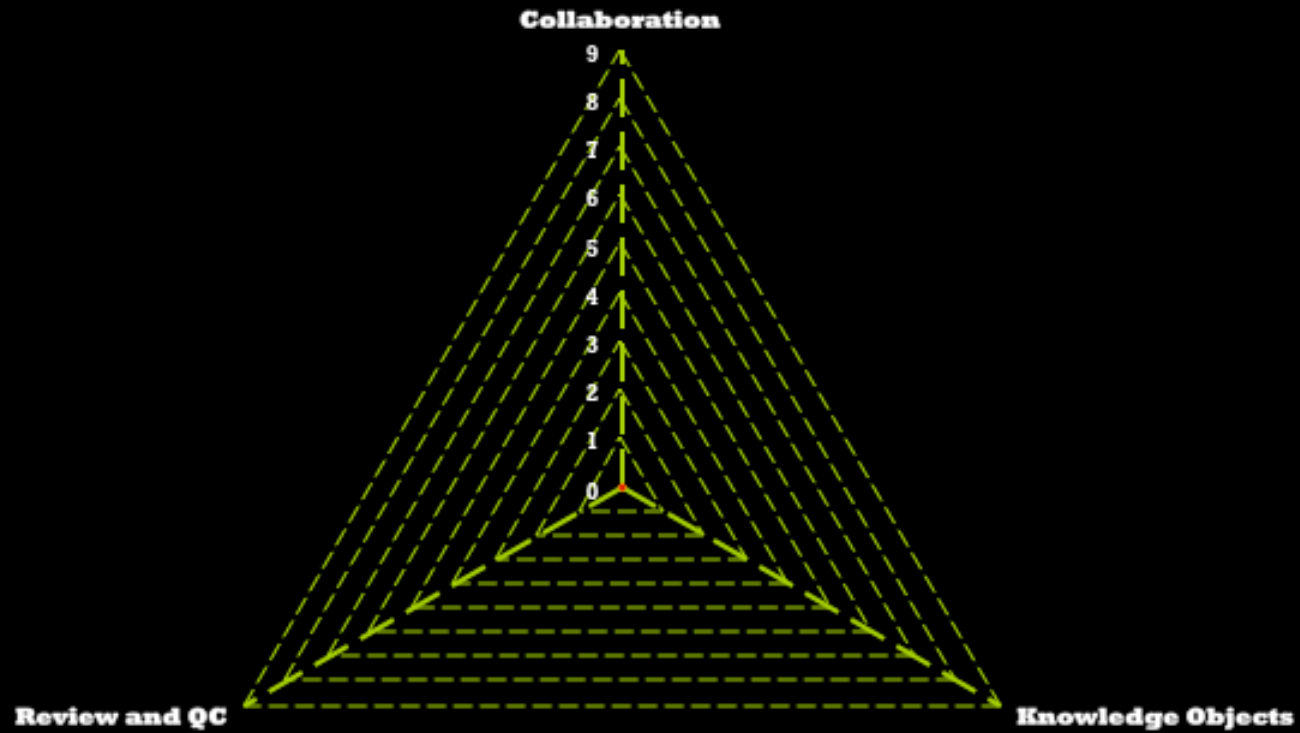
European Semantic Web Conference, Crete 2009

Science 2.0?

The world of scientific publications has been largely oblivious to the advent of the Web … .

Scientific knowledge dissemination is still based on the traditional notion of "paper" publication and on peer review as quality assessment method.

The current approach encourages authors to write many (possibly incremental) papers to get more "tokens of credit", generating often unnecessary dissemination overhead for themselves and for the community of reviewers.

Furthermore, it does not encourage or support reuse and evolution of publications: whenever a (possibly small) progress is made on a certain subject, a new paper is written, reviewed, and published, often after several months.

Quote from abstract of: Liquid Publications: scientific publications meet the Web *(Changing the way scientific knowledge is produced, disseminated, evaluated and comsumed),* Fabio Casati, Fausto Giunchiglia, Maurizio Marchese

Why here?

- Relevant
- Interesting
- It can change how science is done
- Results can be propagated to other areas (elearning, project documentation, books, encyclopedic knowledge, …)
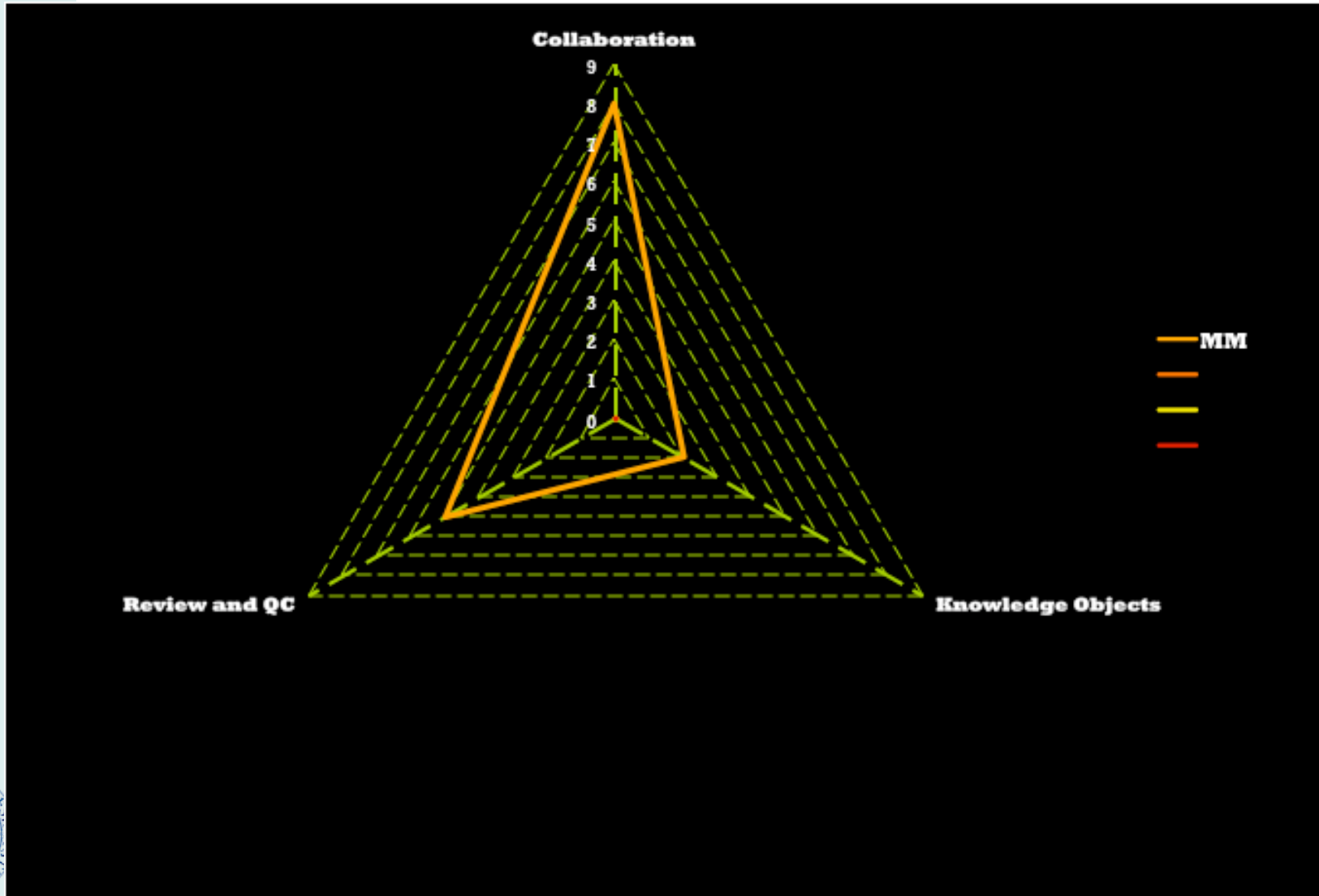- …
- We (the Social Semantic Web) have a lot to offer!

Panelists

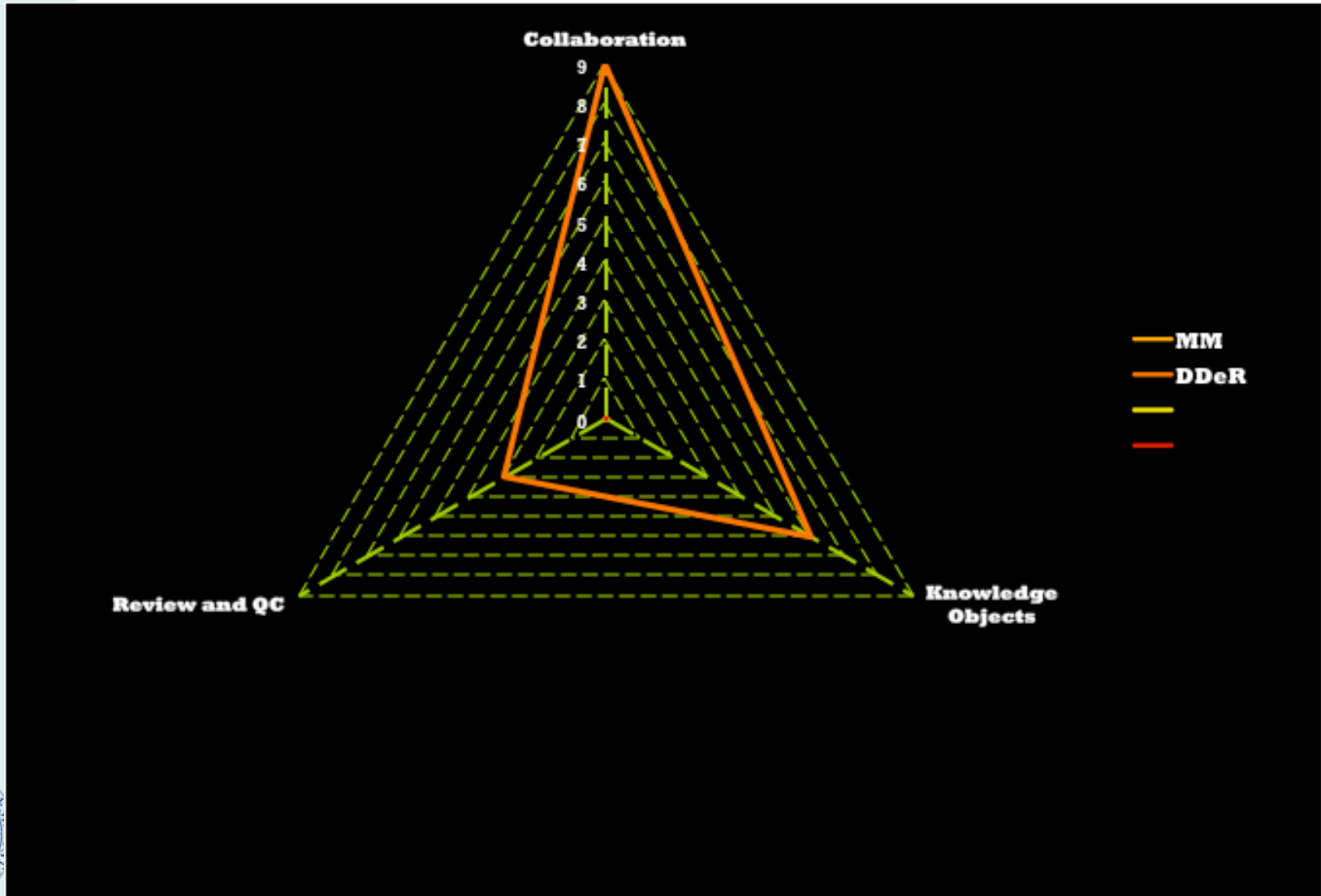*David De Roure (University of Southampton): eScience, social web site for scientists*

Maurizio Marchese (University of Trento), LiquidPub project, OpenSource Science

Andrei Voronkov (The University of Manchester), EasyChair

Anita De Waard, (Elsevier Labs - Disruptive Technologies) HypEr project
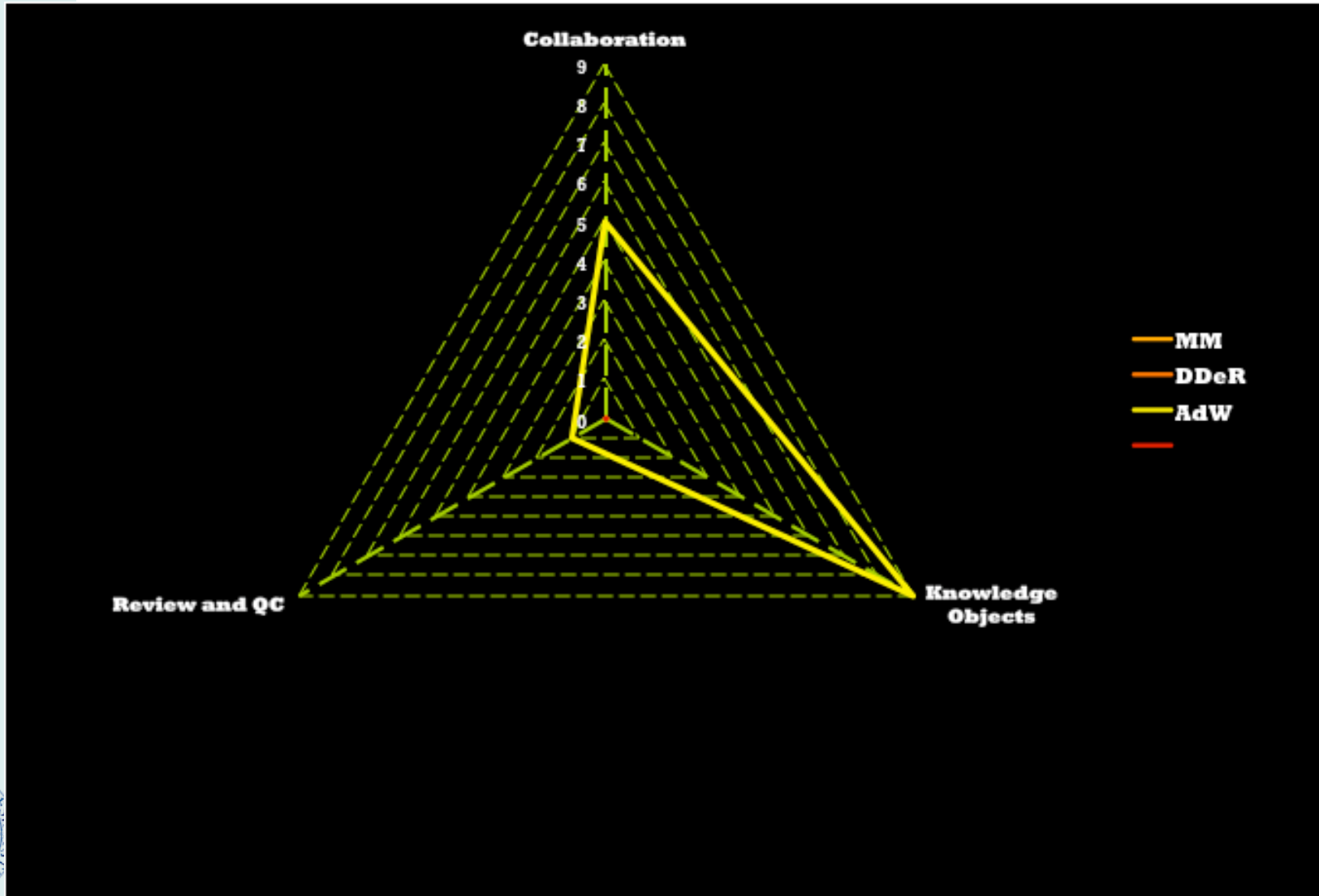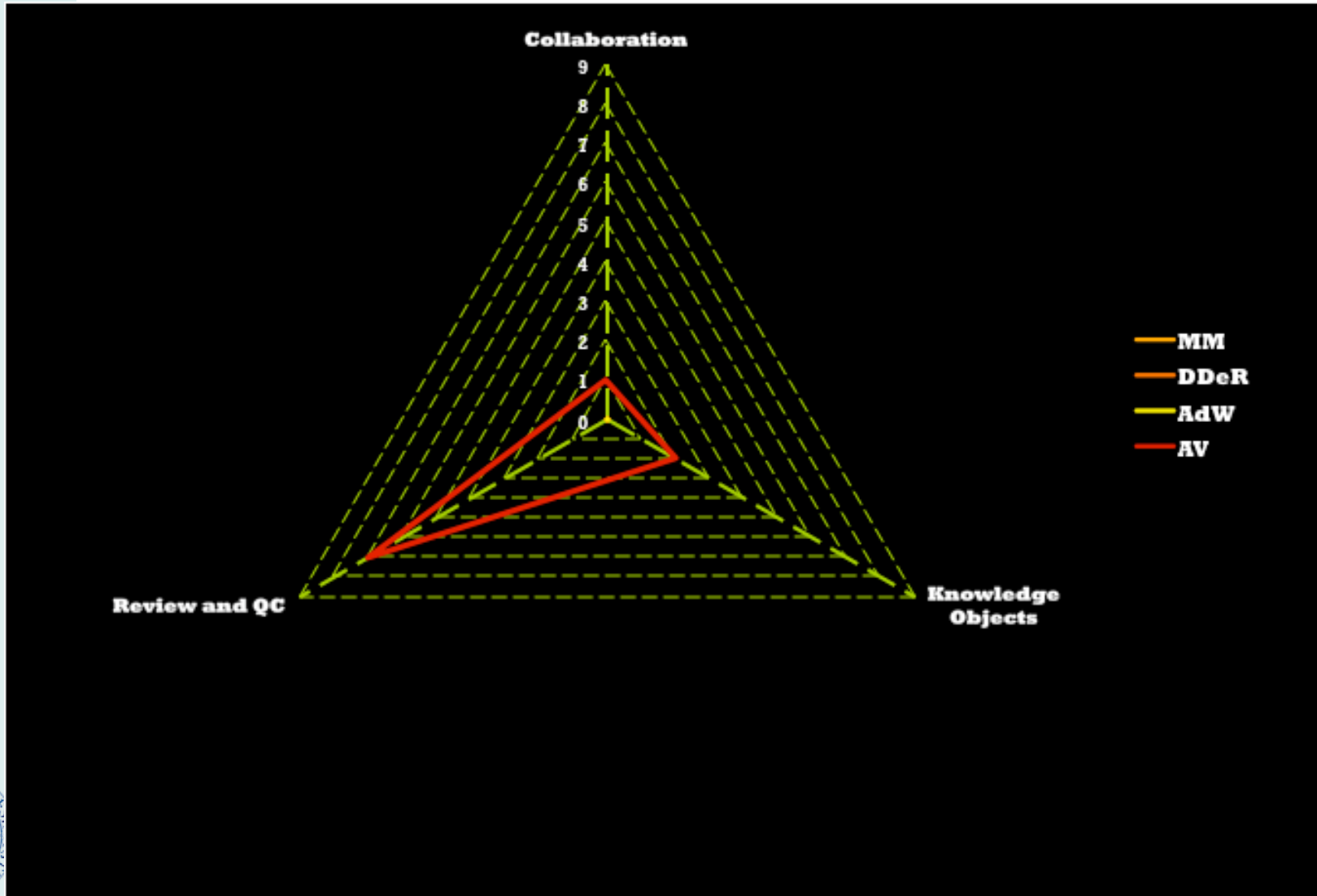
Science 2.0: Dimensions

Maurizio Marchese

David De Roure

Anita de Waard

Andrej Voronkov

Panel

Thank you!