

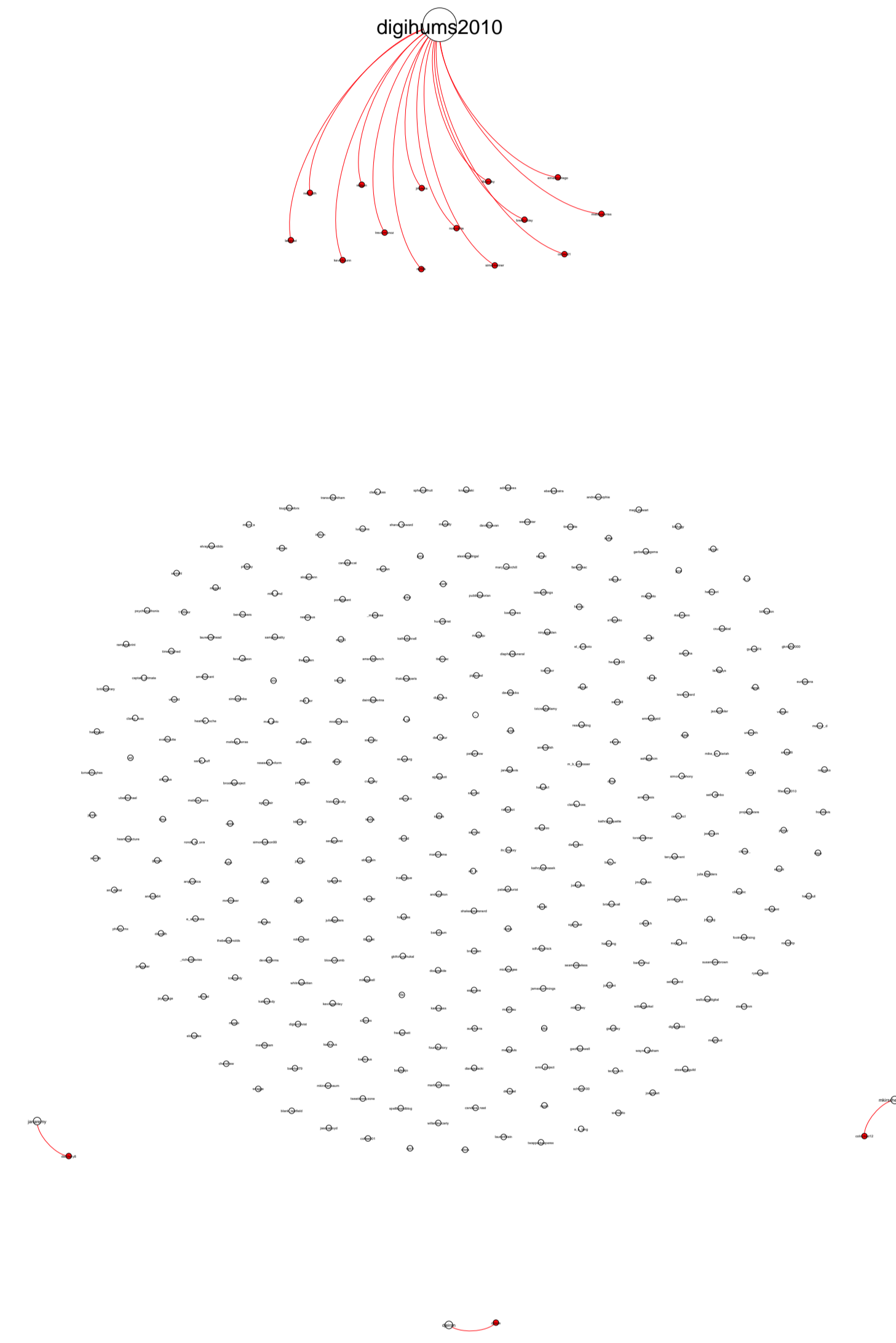
Studying Twitter conversations as (dynamic) graphs: visualization and structural comparison

Cornelius Puschmann¹, Katrin Weller², Evelyn Dröge²

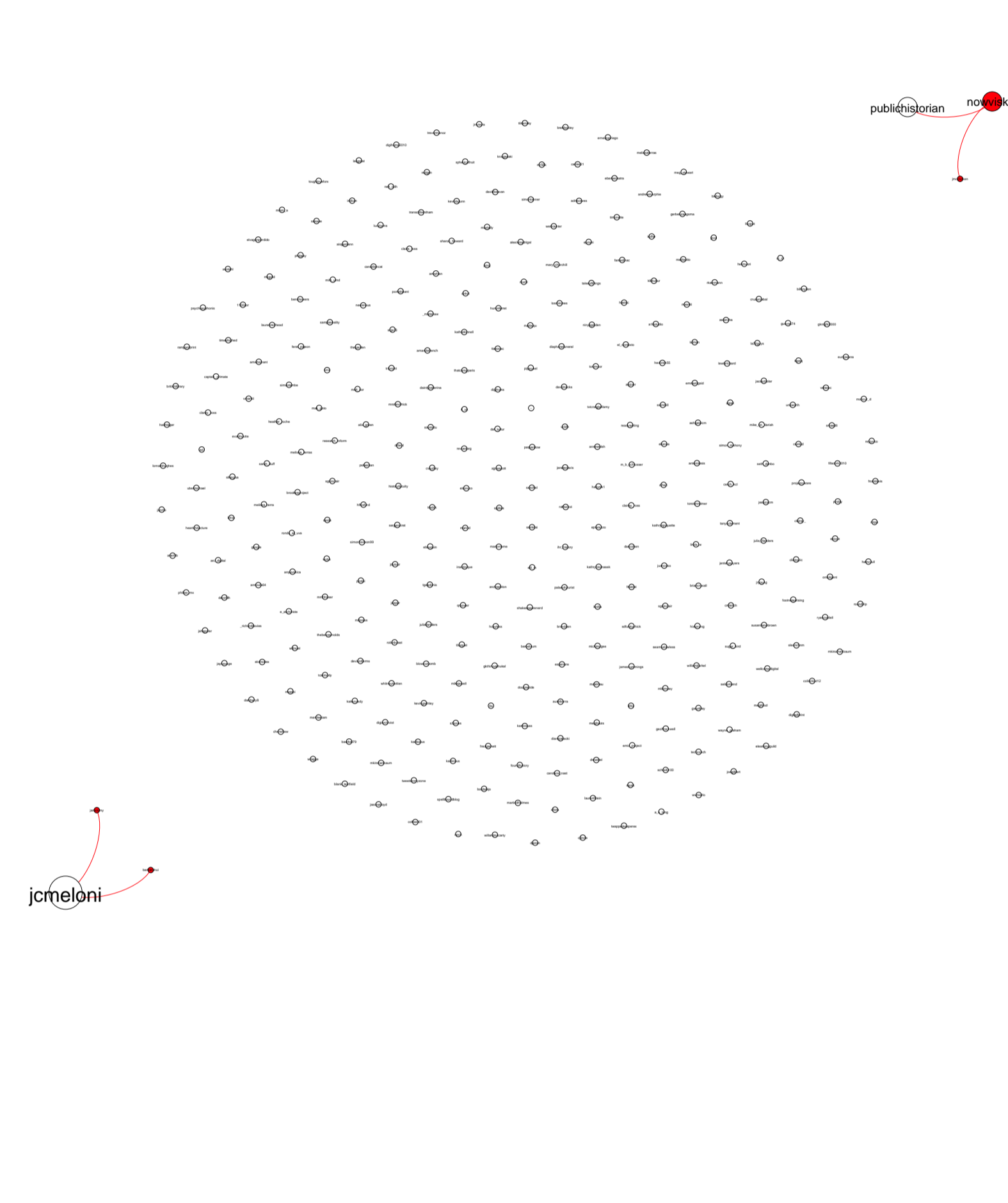
¹:Department of English Language and Linguistics, University of Düsseldorf

²:Department Information Science, University of Düsseldorf

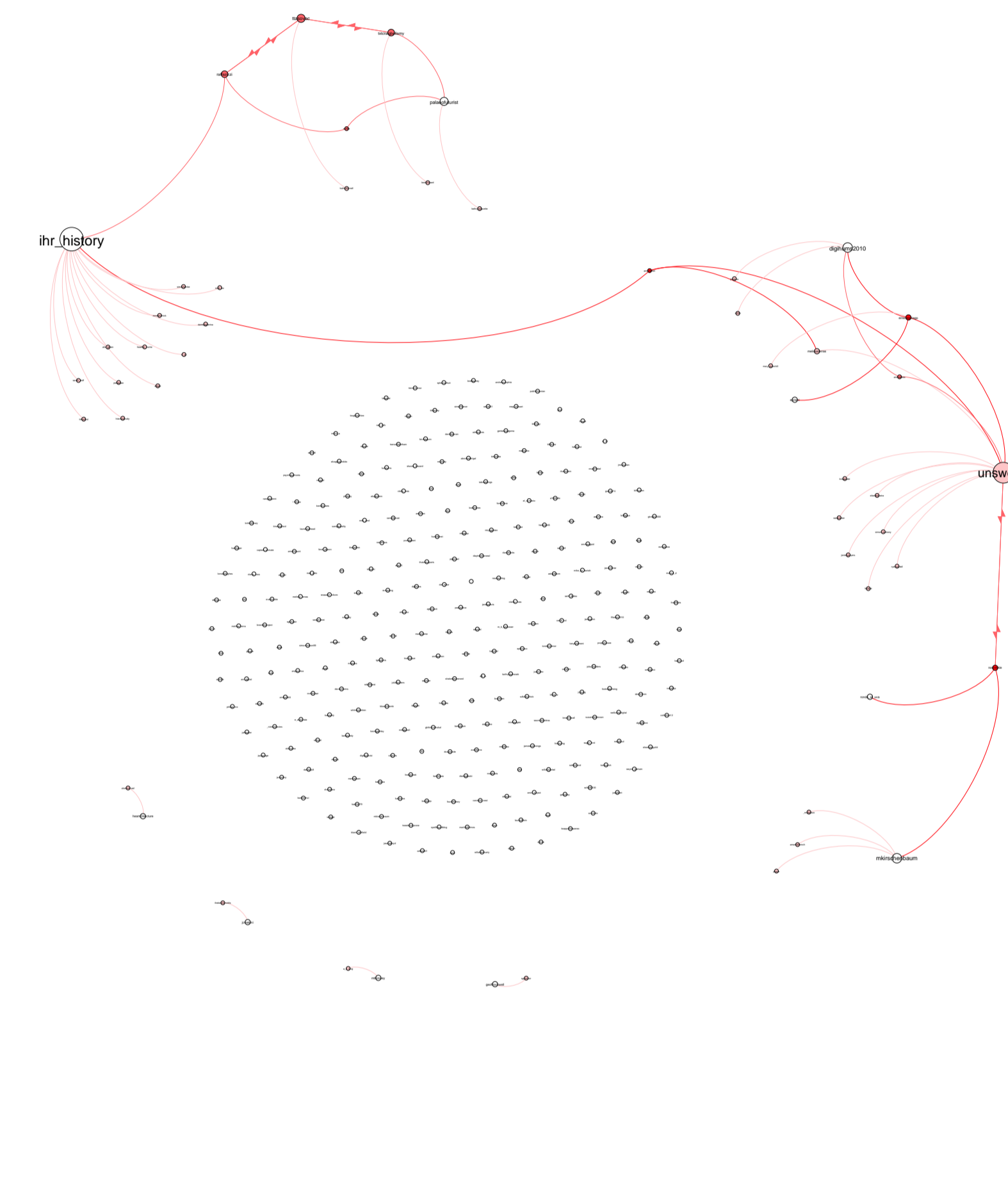
The eight graphs shown describe Twitter activity (specifically retweets) over the course of 30 days surrounding the academic conference Digital Humanities 2010 (7-10 July 2010, King's College, London). Digital Humanities is the annual international conference for digital scholarship in the humanities, sponsored by the Alliance of Digital Humanities Organisations (ADHO). The dataset consists of 3,300 tweets (733 retweets) by 331 individual users. Each node represents a user who tweeted under the #dh2010 hashtag. Edges represent retweets. Node size reflects the number of retweets received; node color the number of retweets given.



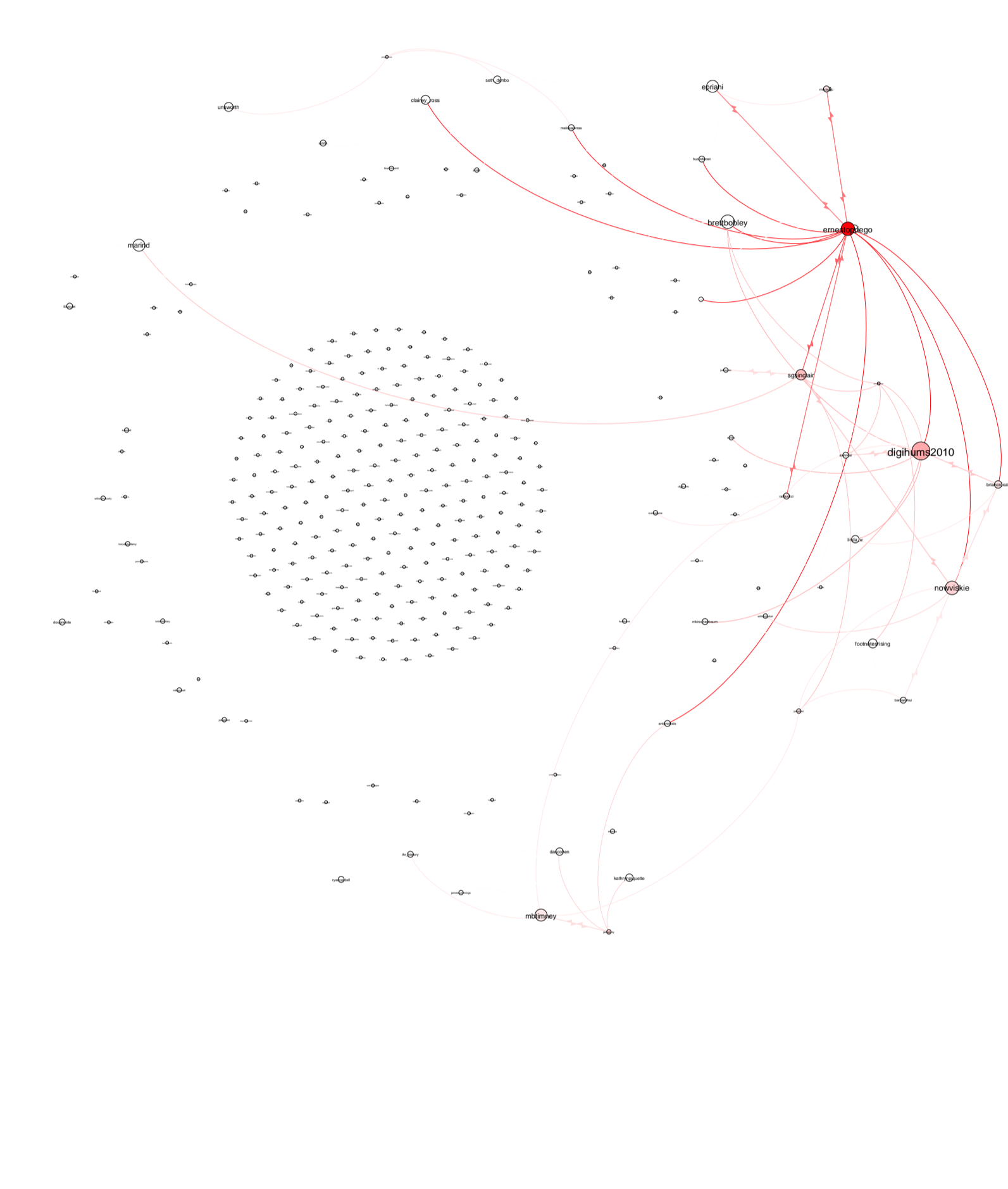
Phase 1. Initial activity as the conference program is announced.



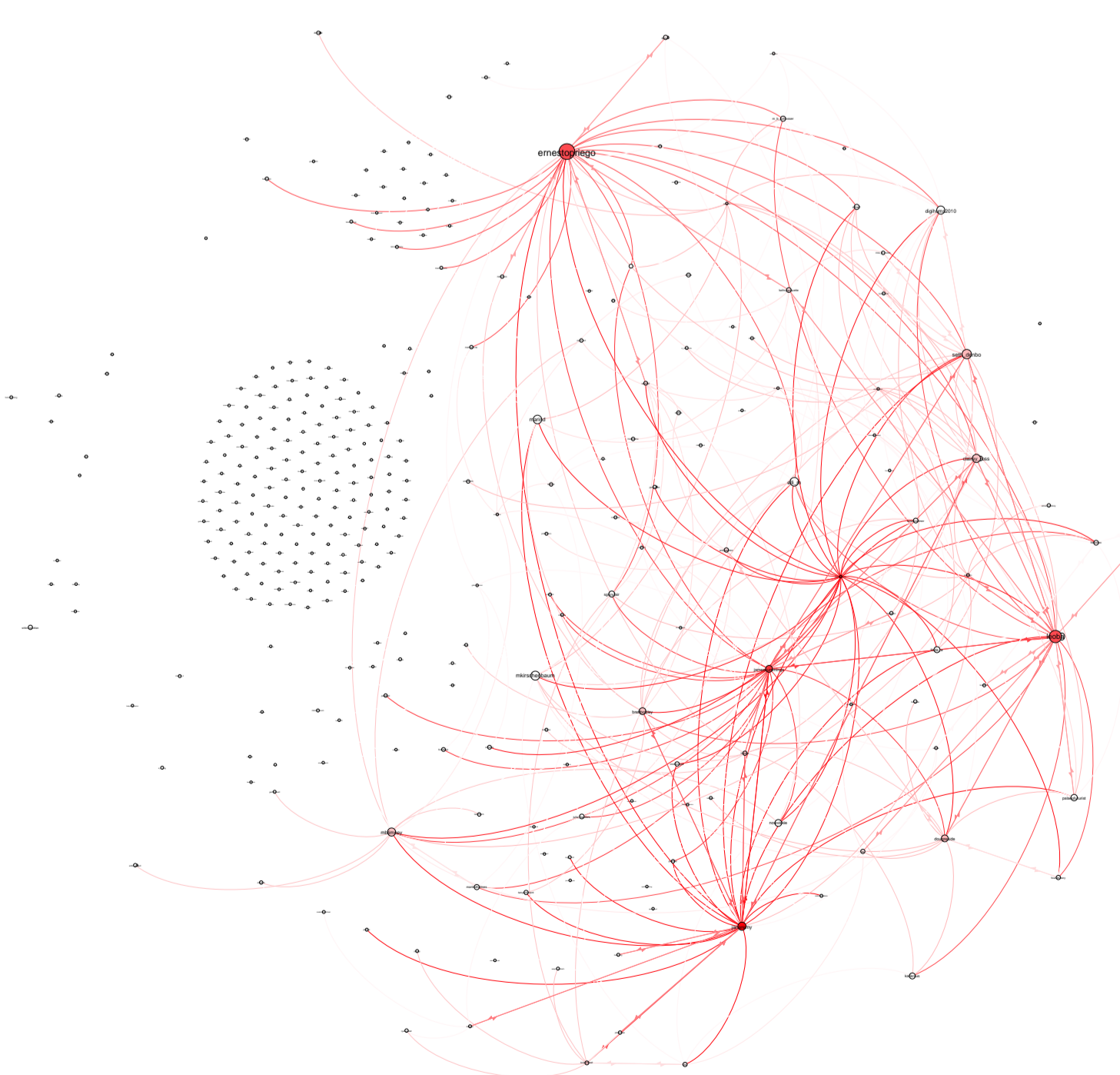
Phase 2. Travel-related tweets and greetings are exchanged.



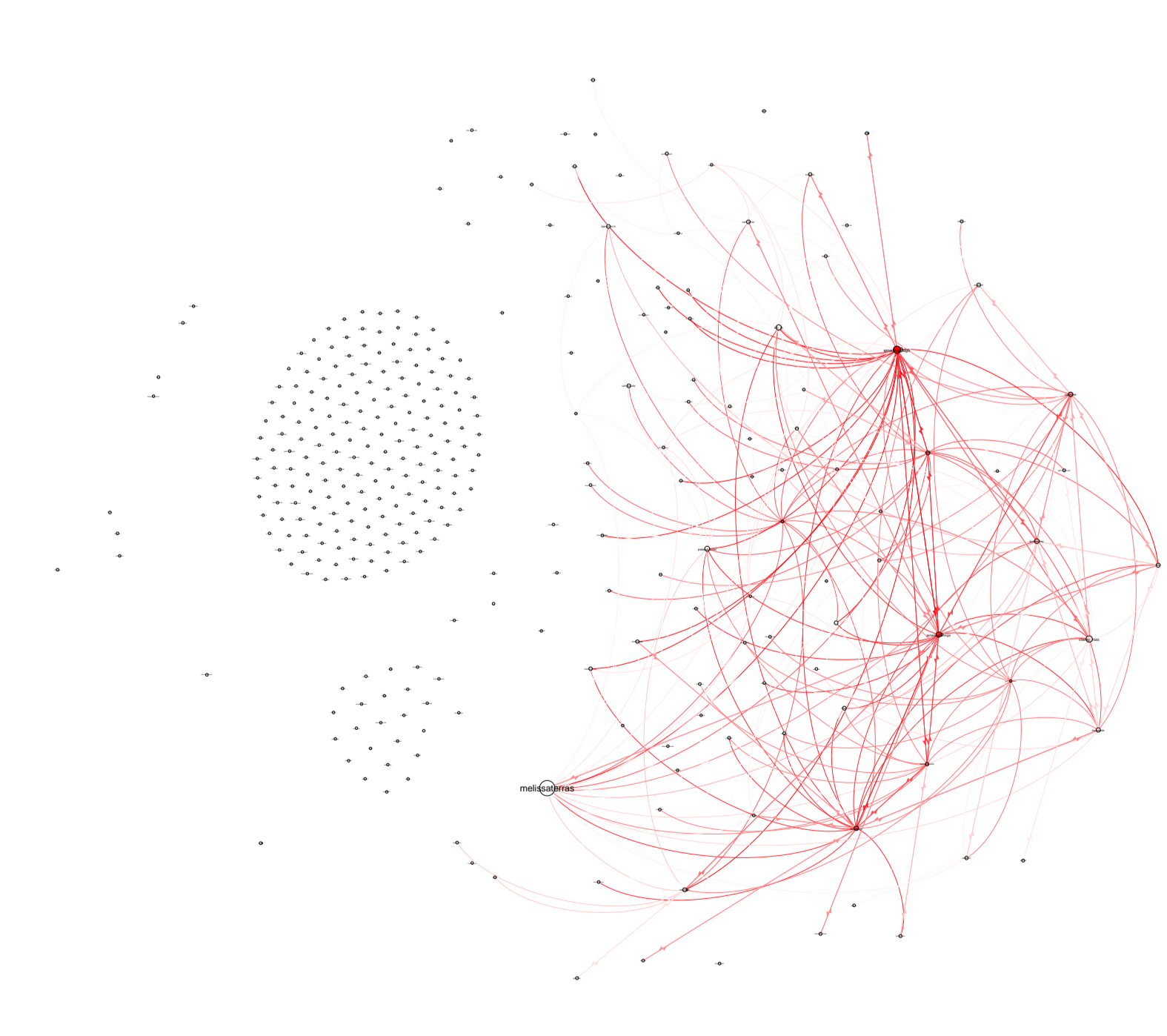
Phase 3. Pre-conference workshop chatter.



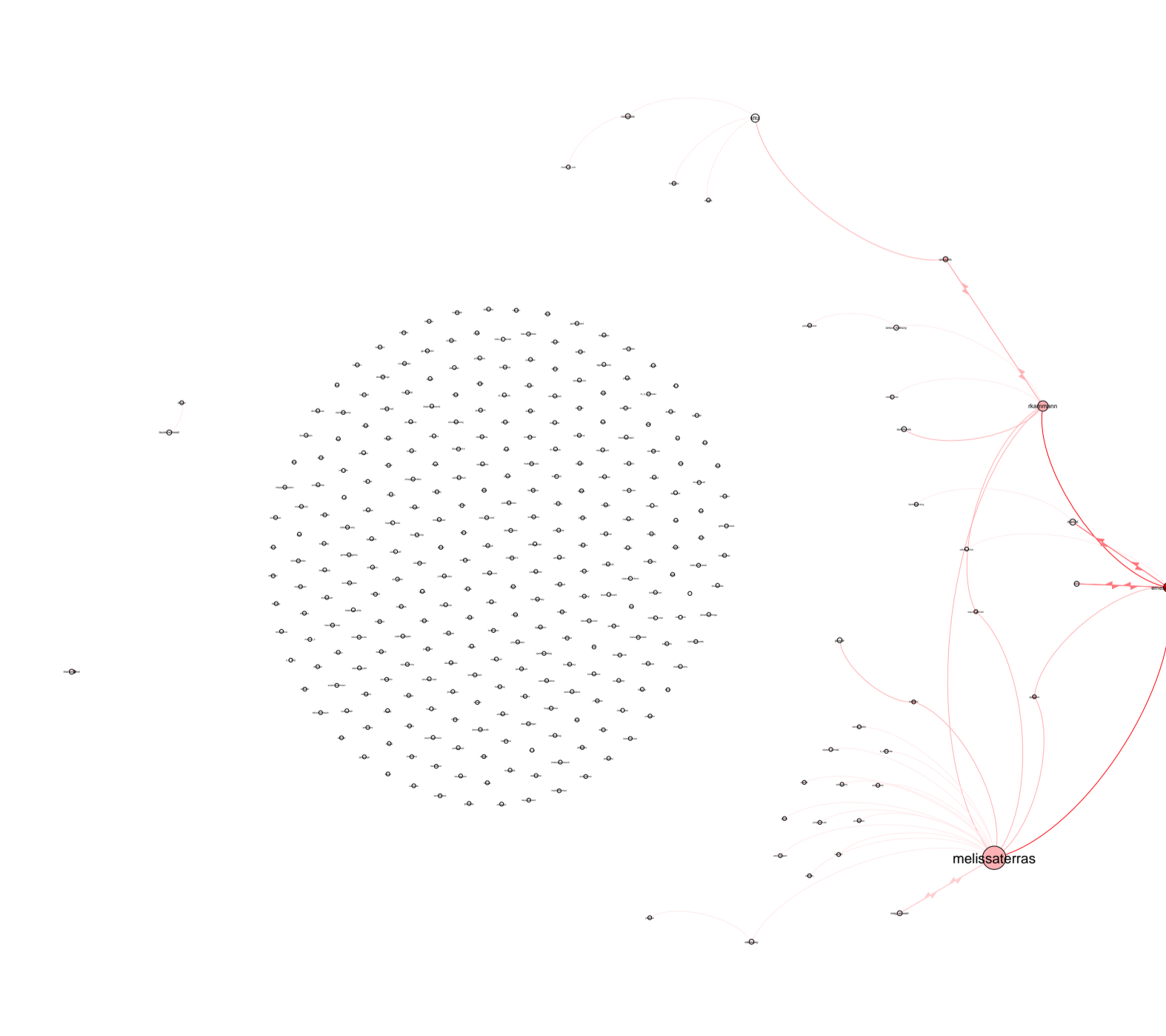
Phase 4. The main conference begins.



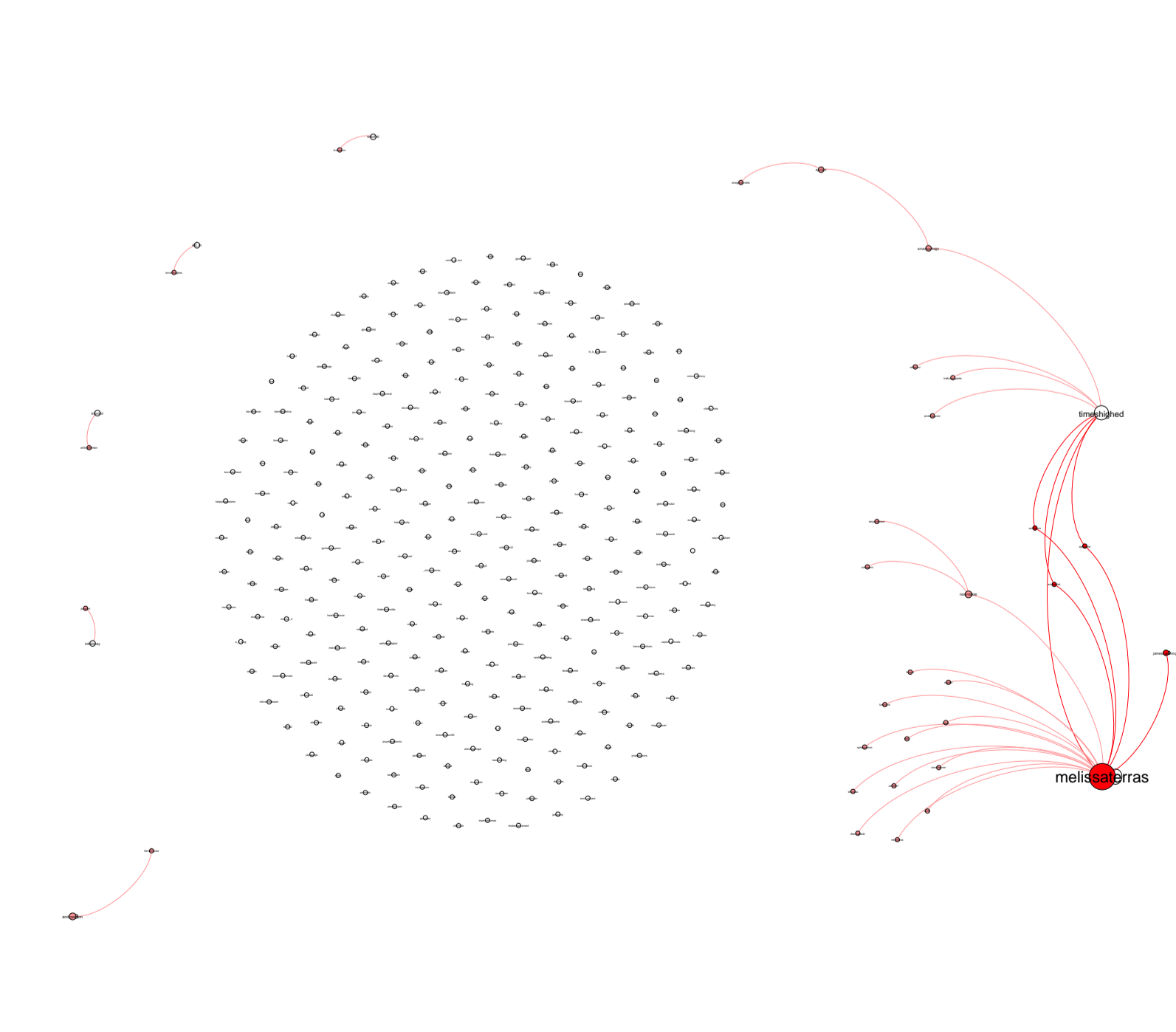
Phase 5. Activity peaks as conference is under way.



Phase 6. Actors shift in the course of the event.



Phase 7. Activity declines instantly after closing keynote.



Phase 8. Media reports and post-conference blogging.