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**To cite this version:** Turet, Jean and Alves de Moura, Jadielson and Cabral Seixas Costa, Ana Paula and Dargam, Fatima and Zaraté, Pascale and Linden, Isabelle *DSS Research Collaboration in the EWG-DSS*. (2018) In: 4th International Conference on Decision Support Systems Technologies (ICDSST 2018), 22 May 2018 - 25 May 2018 (Heraklion, Greece).

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**ICDSST Conference on Decision Support Systems Technology & PROMETHEE Days 2018  
Project Collab-Net (Version 5)**

**DSS Research Collaboration in the EWG-DSS**

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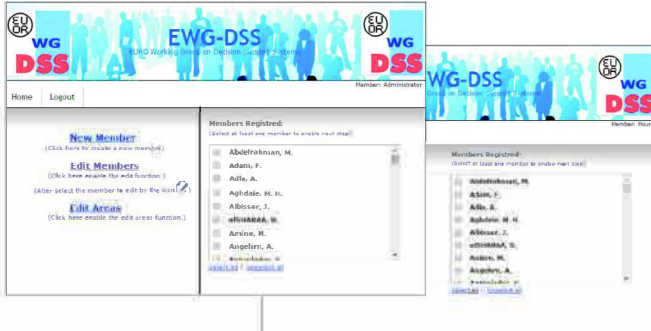
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**Collab-Net on line: An on line platform for DSS-research collaboration in EWG-DSS**

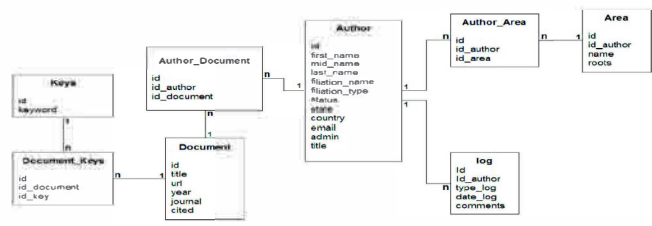
The main goal of the Collab-Net is to allow researchers to analyze their own collaborative network, as well as possibilities for future collaboration among EWG-DSS members only using a Web-based platform, in anywhere at anytime.

In 2016 the scientific research collaboration has been extended to include social network analysis, which concerns in evaluating the collaborative interaction among papers authors within publication databases. The Collab-Net platform investigates the publication relationship in an automatic way by a Web-based platform. The system was developed using free platforms for software development and database system purposes and can be used with Administrator and Member profiles.

**ADMINISTRATOR & MEMBER PROFILES**



**DATABASE MODEL**



**WHAT'S NEXT?**

• The Collab-Net Project Version 5 will take into consideration the graphic visualization of our Collaboration Network using the functionalities of Network Analysis Platforms like NWB and Payek.

**FINAL AIMS OF COLLAB-NET**

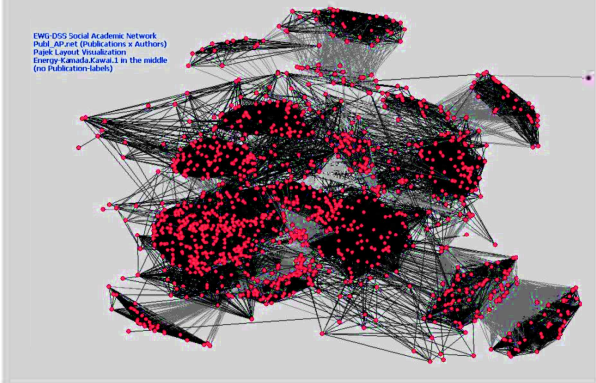
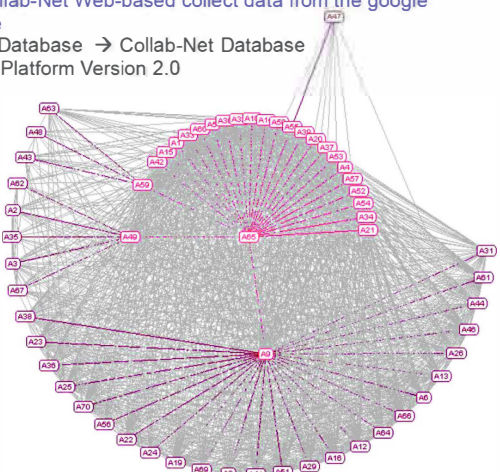
- Support members in the research of their collaboration network by key areas within the EURO Working Group on Decision Support System;
- Allow EWG-DSS registered members to access and update their data using this web-based platform;
- Enable information access regards published papers, such as: title, journal, year, cite number, and co-authors.
- Allow that information recovered may provide future analysis on the researches collaboration and identify cluster areas of the EURO group.

**Collab-Net Online Technical Description:**

- A login page is available.
- Two users' roles are possible.
  - Administrator can add new members, edit members profile and remove members, add areas, edit areas, and remove areas.
  - Member can edit his own profile, find researchers by keywords or areas, run members research in the google scholar, and export the results in Excel format.
- Platform available at: <http://www.negplace.com/collabnet/>
- Developed with base on free platforms of software development and database-system:

Currently, the Collab-Net Web-based collect data from the google scholar database  
 Google Scholar Database → Collab-Net Database  
 Collab-Net Web Platform Version 2.0

NWB Radial Graph Visualization of the EWG-DSS network collaboration among the authors with respect to research topics.



**Acknowledgments.** The authors would like to thank the PPGEP from UFPE, Recife, Brazil, for supporting Fatima Dargam in this phase of the Collab-Net Project collaboration – Brazil – March 2018.

**Join us and support the EWG-DSS on this project: [www.ewg-dss.wordpress.com](http://www.ewg-dss.wordpress.com)**