Web-Lar

Presentation of work program and task assignments

Work program

Extension of the LAR.js and LAR-DEMO.js projects with convex cells

- Extension of *LAR.js* and *LAR-DEMO.js* to use sparse matrix and the introduction of the cartesian product of simplicial complexes like in *LAR.py*

Integration of the matrix computation web-service

- Study *LAR.js* and identification of matrix operations necessary
- Implementation of the control of the application to run on the web server (*rest* + *JSON*)
- Make available the web service for computation of matrices.

Integration of PDB visualization service

- Study *webpdb* and *webmol* projects
- Technological interventions for the realization of the connection between the two projects
- Creating a unique project that includes both

Task assignements

Extension of the LAR.js and LAR-DEMO.js projects with convex cells	• Andrea Somma • Elisa Lamberti • Fabio Cumbo
Integration of the matrix computation web-service	• Fabrizio Rebecca • Luca Menichetti **(Group Leader)**
Integration of PDB visualization service	• Oscar Eijsermans