



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 assignments

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