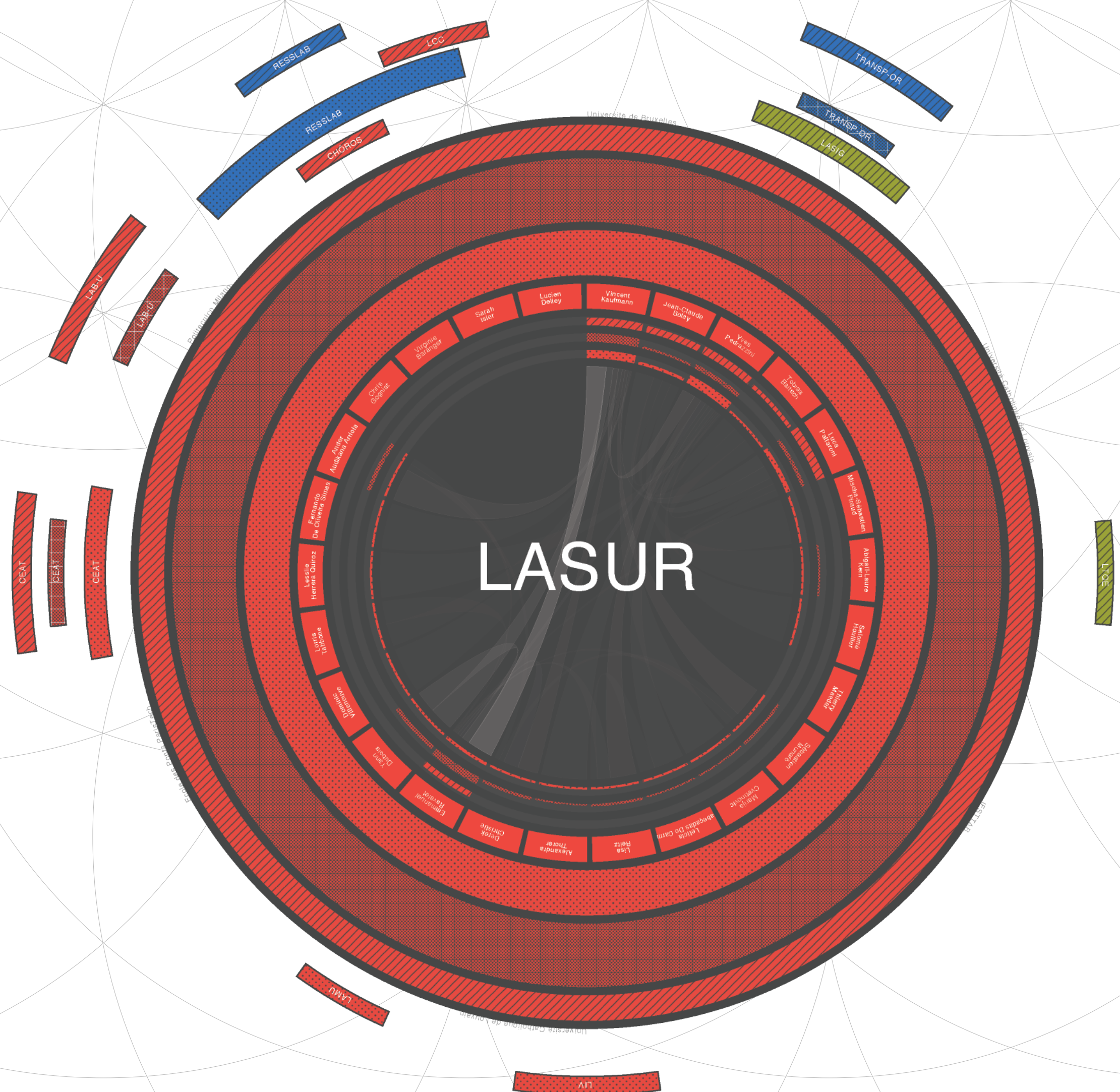


VISUALIZING COMPLEX ORGANIZATION WITH DATA

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SUMMARY

The Affinity Map is a project funded by the ENAC whose aim is to provide an instrument to understand organizations. The photograph shows the disclosure of the first map for the ENAC Research Day. The visualization was presented to scholars who are displayed in the representation itself.

DATA

The Affinity Map is related to a research. The EPFL terrain has been studied to find available data, which have been verified in collaboration with ENAC scholars through the annual report. The result is a visualization based on approved data.

COLLABORATIONS

The Affinity Map is arranged on collaborations, which are the main index to understand how units team up. In the visualization one unit represents a laboratory. Consequently laboratories are arranged according to external collaborations.

DISPLAY

The Affinity Map is high connected. The links between laboratories are represented by arcs, which substitute the common used lines. That stratagem avoids overlapping among lines and consequently an improved network readability. Moreover, as an additional result, each node is surrounded by all the links, or, in better words, the context of the entire network is summarized around each laboratory.

HIERARCHY

The Affinity Map uses different graphic solution to display the organization hierarchy. People are displayed as segments; laboratories are a sum of segments; Institutions are differentiated by a colour feature; the full map is the Faculty.