



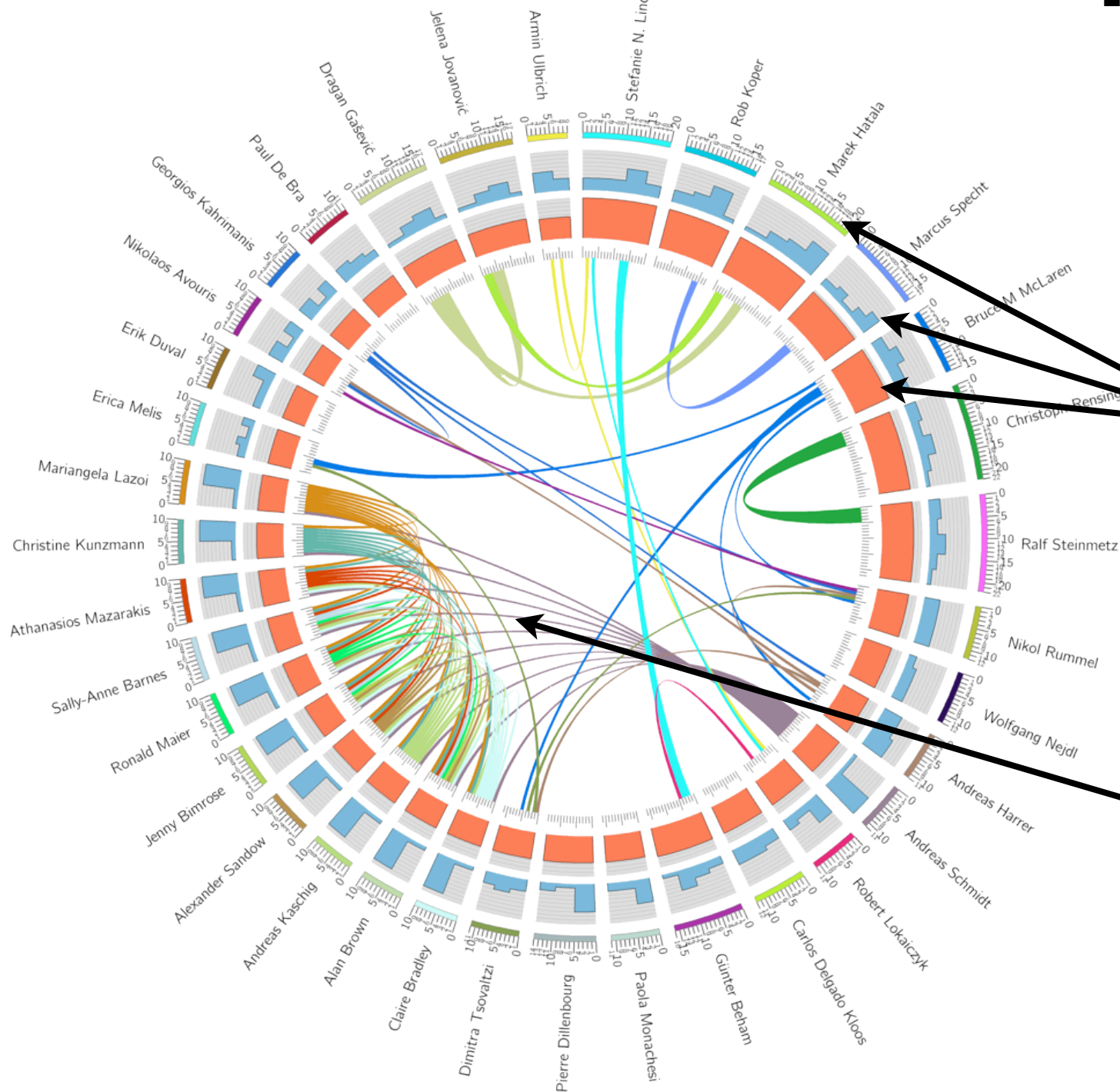
How to read a Circos visualization

that was made with GEXF Vizz

Example:

Visualization of the top 35 co-authorships over the years 2006 - 2012 with degree centrality

Circos: Much data on small space



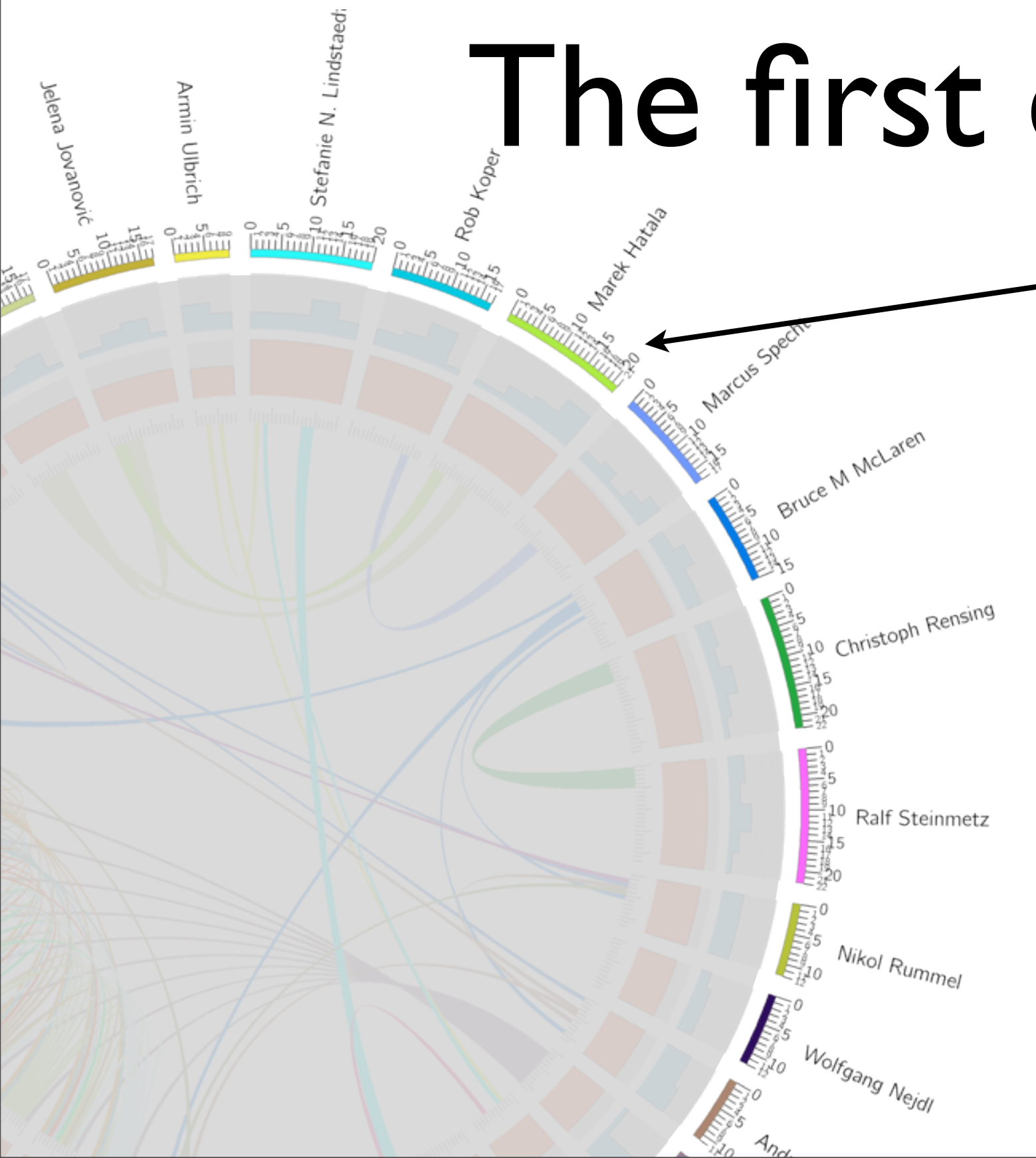
There are three
circles
and some
links

Let's look at: The first circle

The first circle tells us how many co-authorships exists

For example:

Marek Hatala
has written 21
papers (together
with other scientists)



Let's look at: The second circle



The second circle tells us how many co-authorships were established in the chosen timeframe

In this case the visualization show the years 2006 - 2012

Note: there is only a data entry if there are some new edges in the graph

Let's look at: The second circle

For example:

Marek Hatala

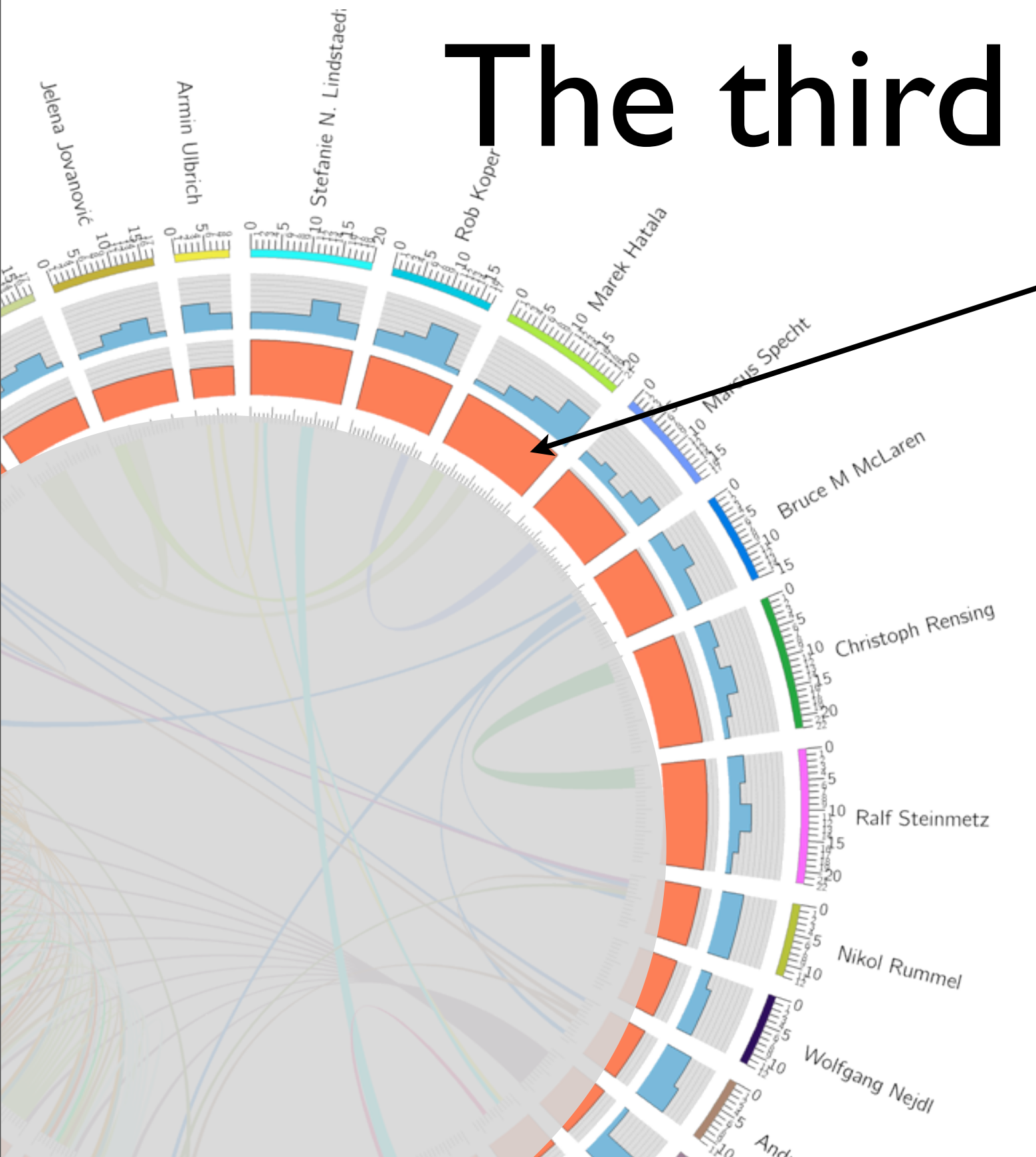
has raised his quantity of publications in the shown timeframe (from one up to seven publications per year)



Let's look at: The third circle

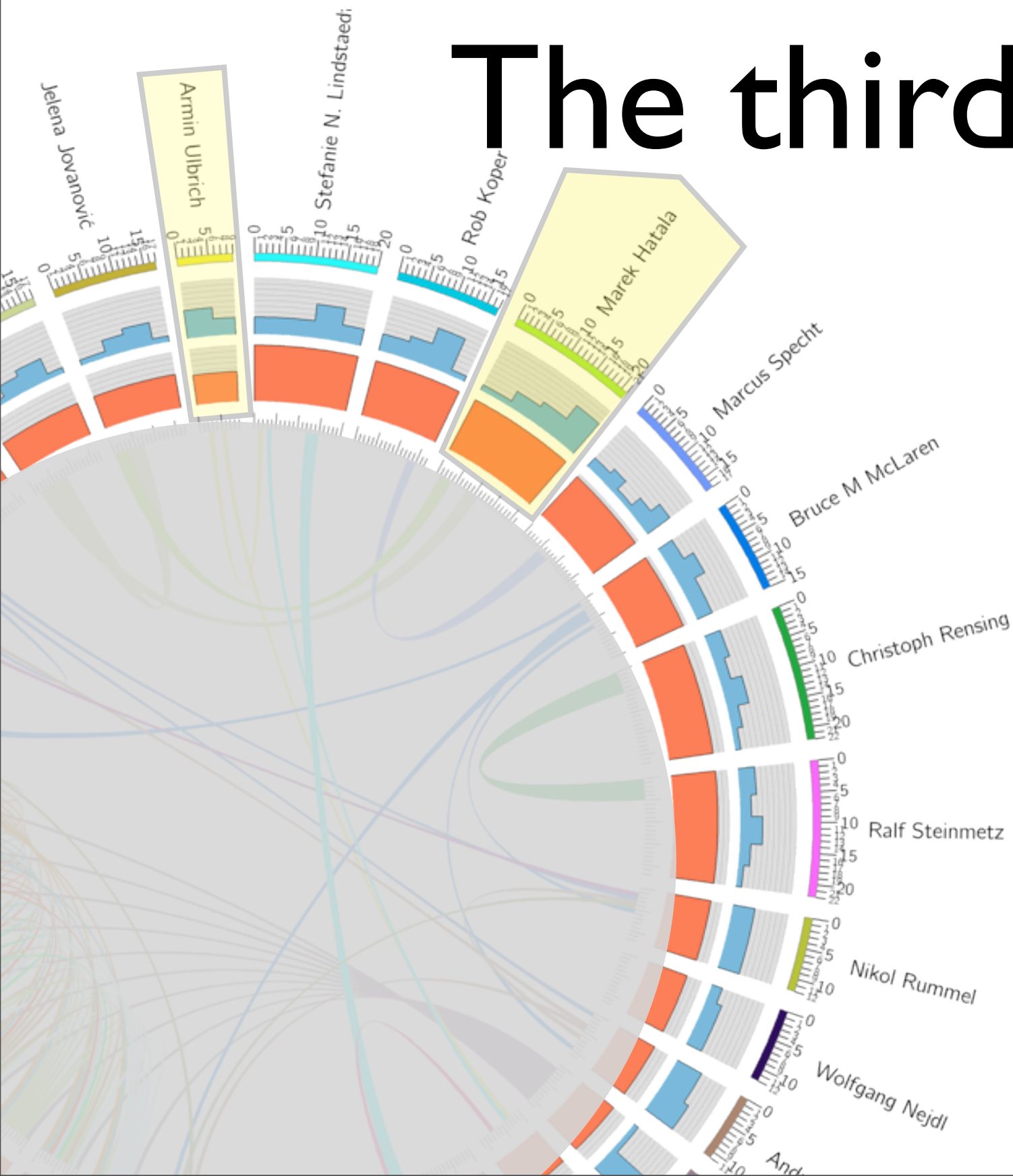
The third circle tells us the relative amount of the selected sna metric (in this case degree centrality) with respect to the other authors

Note: the values in this circle are expressed as a percentage

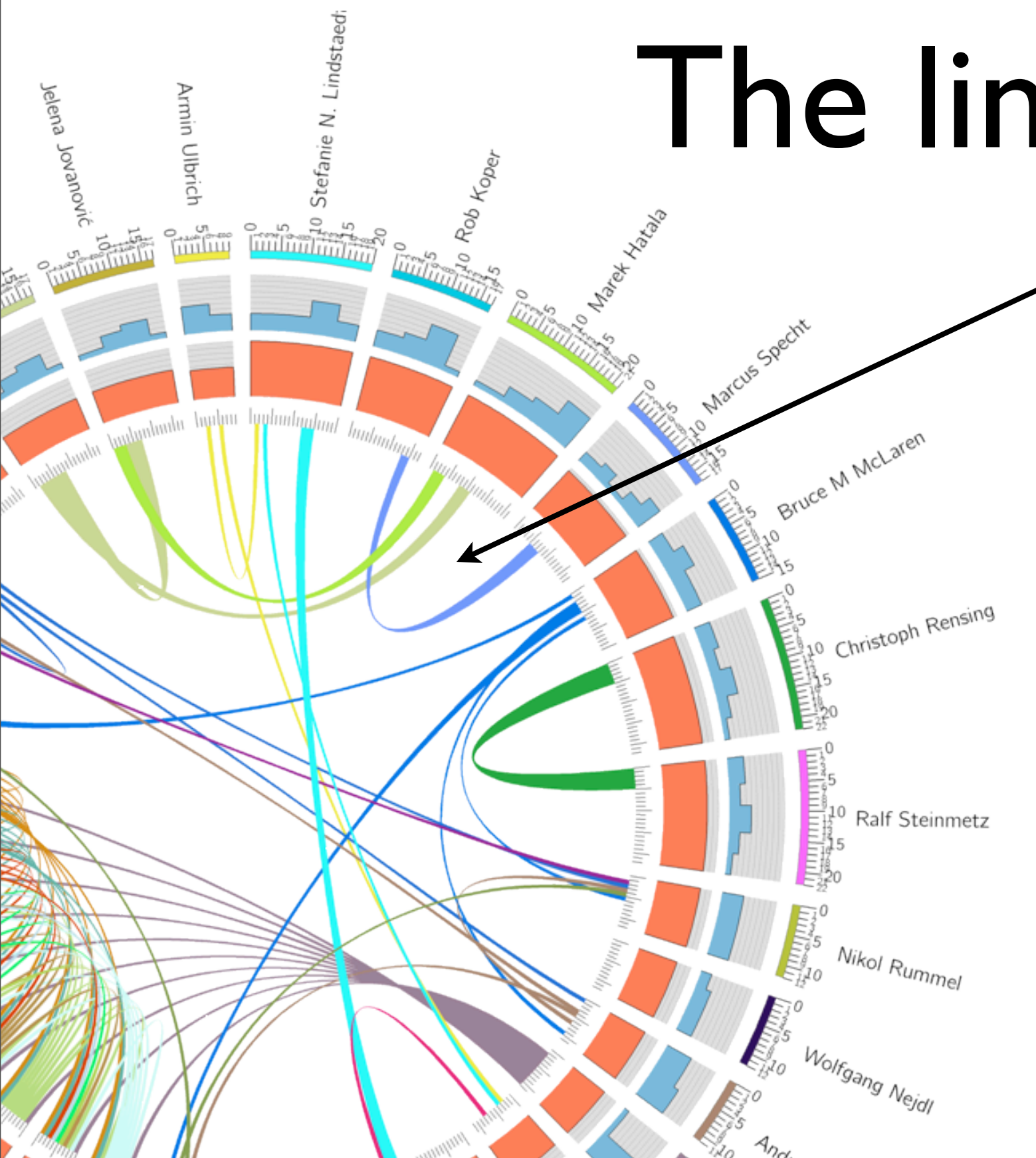


Let's look at: The third circle

Thus we can see that the
degree centrality value of
Marek Hatala
is almost twice as big as
the degree centrality value
of
Armin Ulbrich



Let's look at: The links



The links show us the connections between the authors

In this case a link represents a co-authorship relation between two authors

The size of a link corresponds to the actual amount of co-authorships between this two authors