



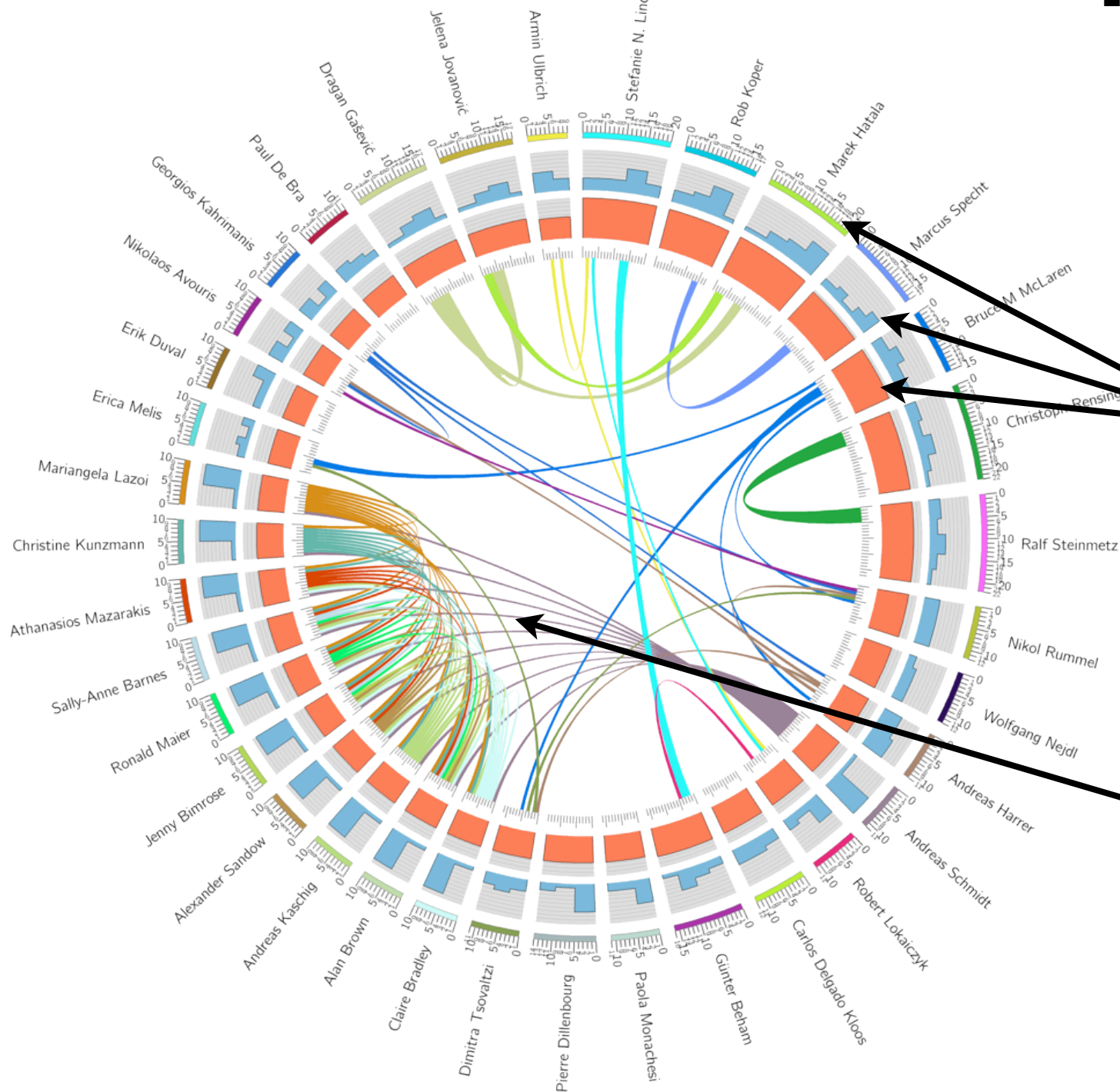
# How to read a Circos visualization

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



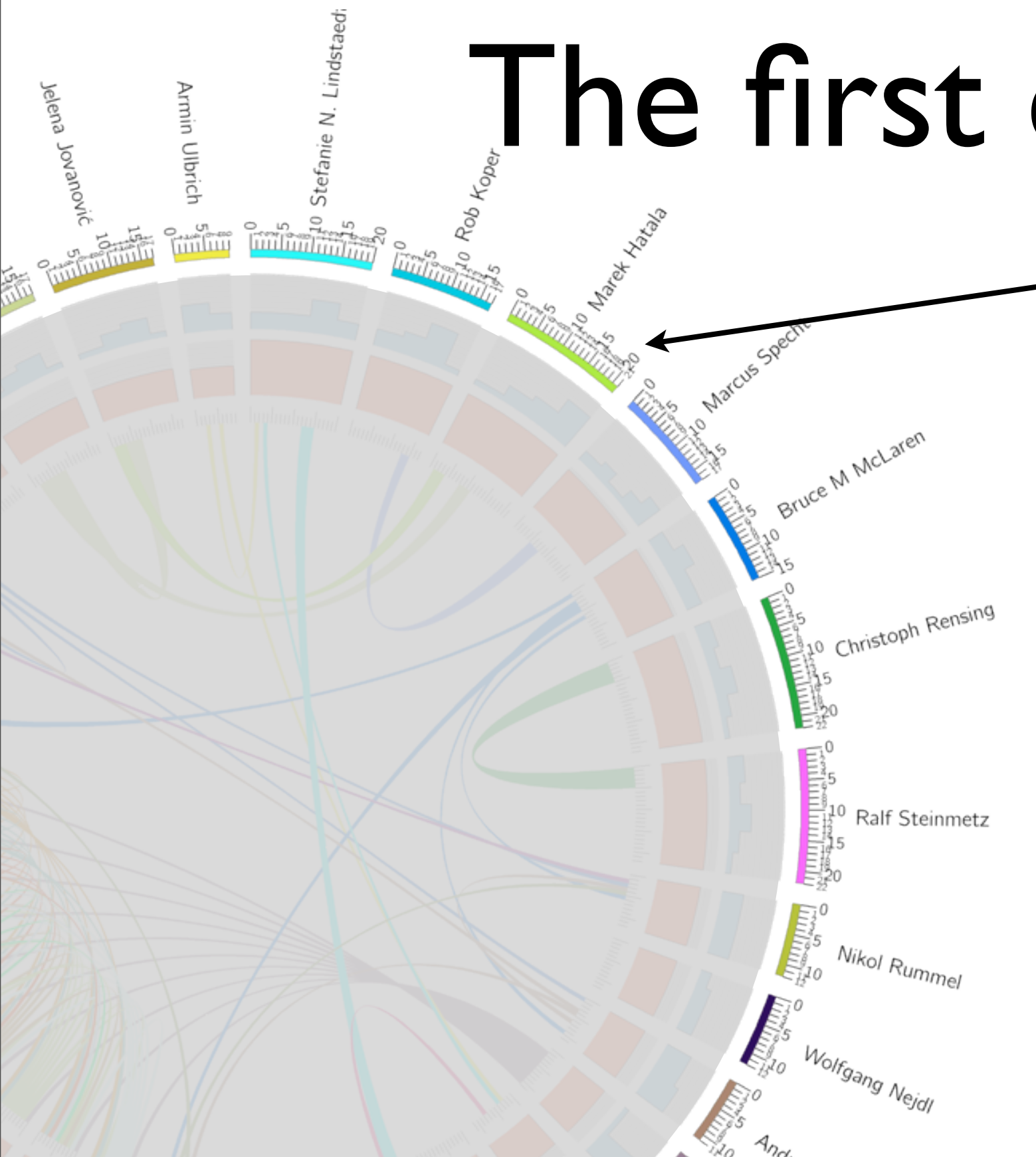
There are three  
circles  
and some  
links

# 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 shows 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**

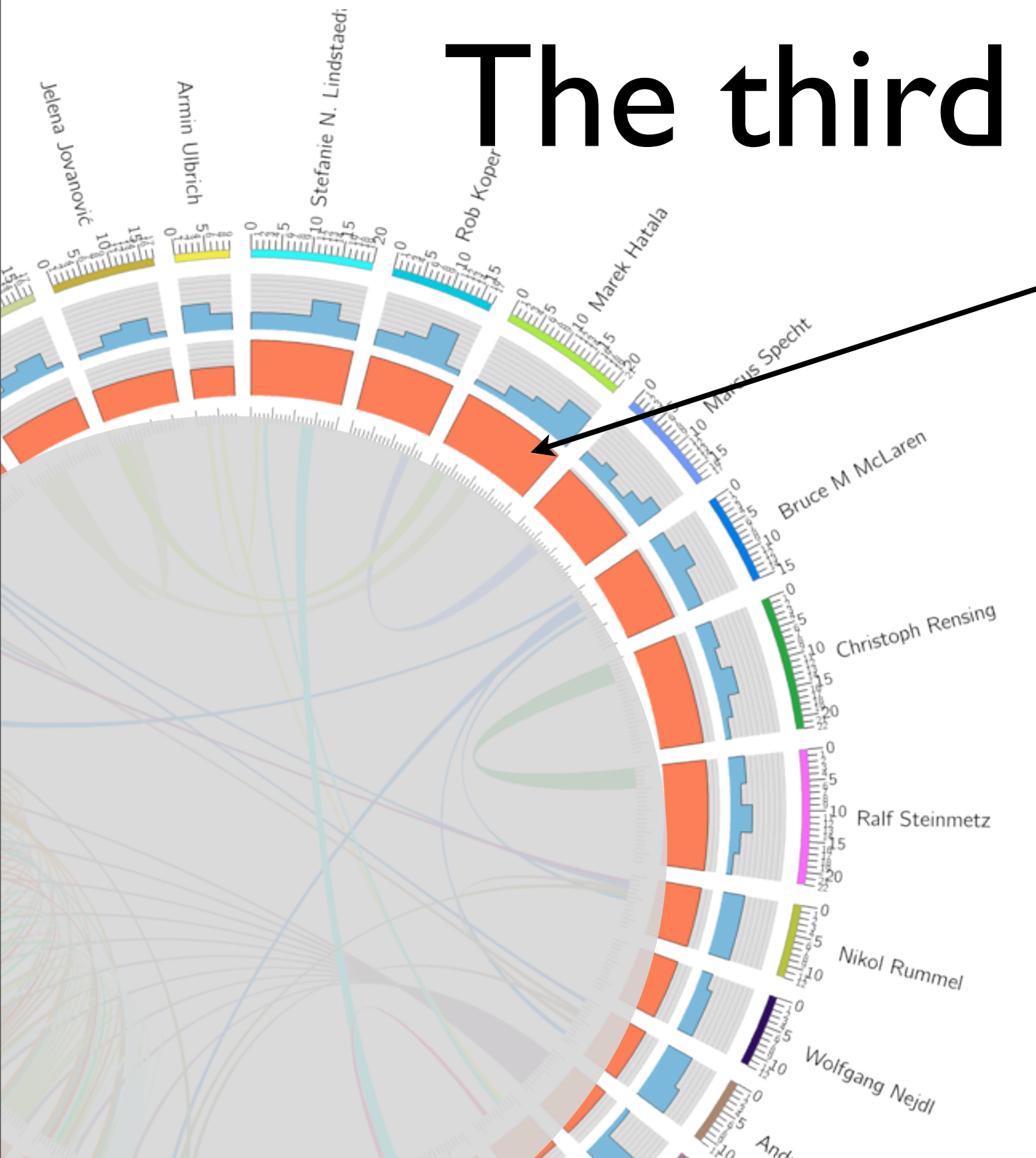
has raised his quantity of publications in the shown timeframe (from one up to seven publications per year)



# 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

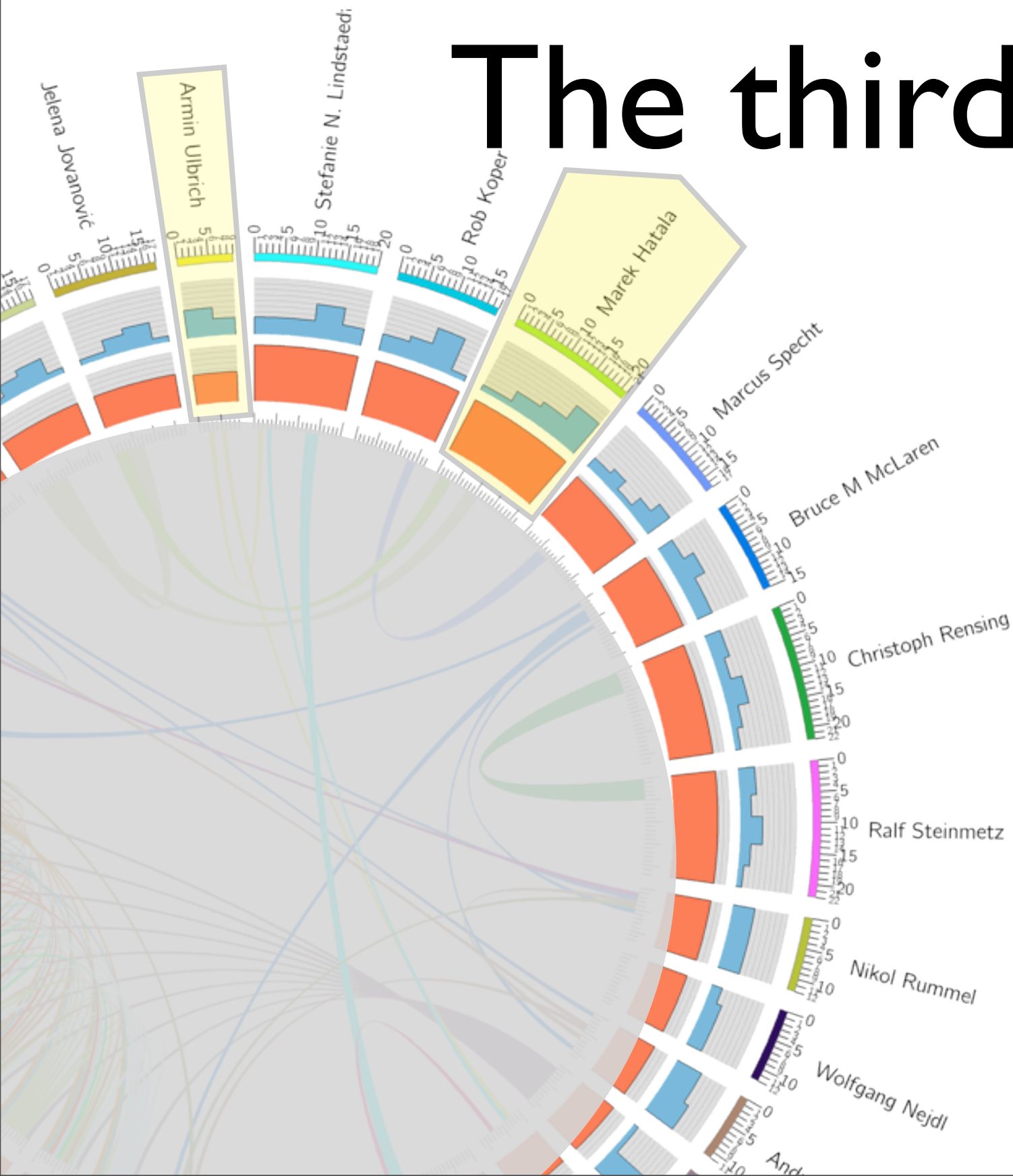
Note: the values in this circle are expressed as a percentage





# 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

