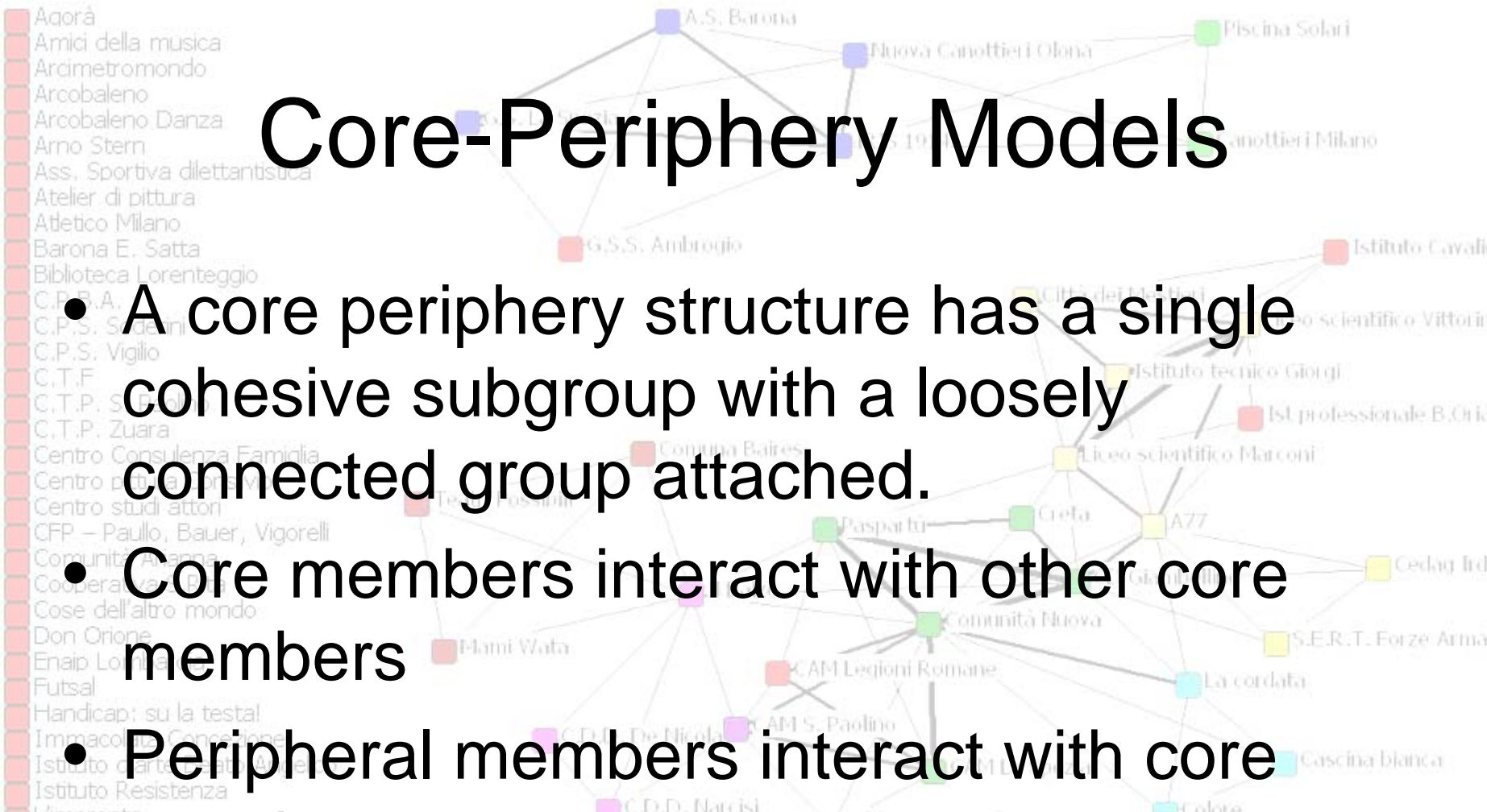


# Core-Periphery Models

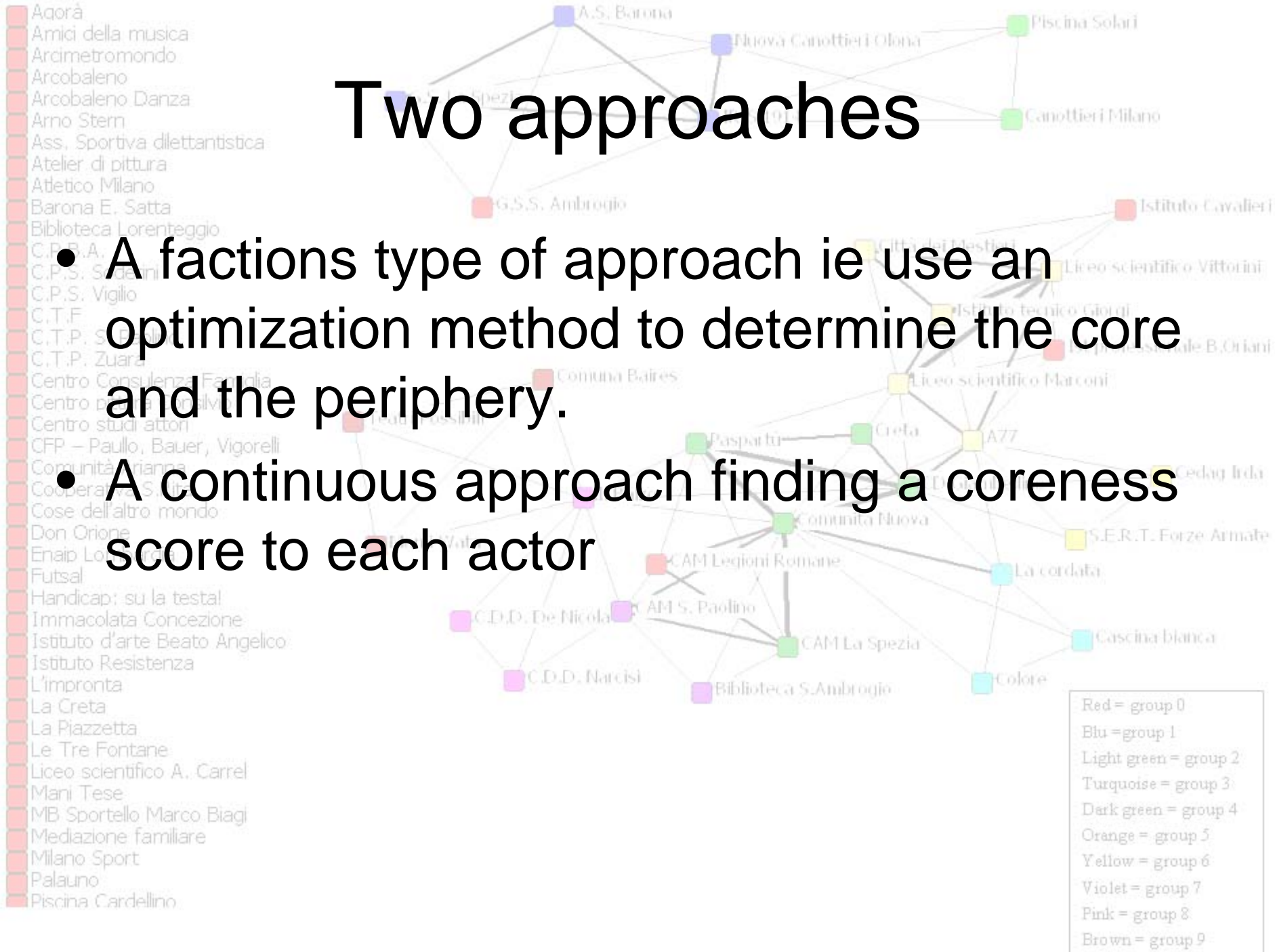
- A core periphery structure has a single cohesive subgroup with a loosely connected group attached.
- Core members interact with other core members
- Peripheral members interact with core members.



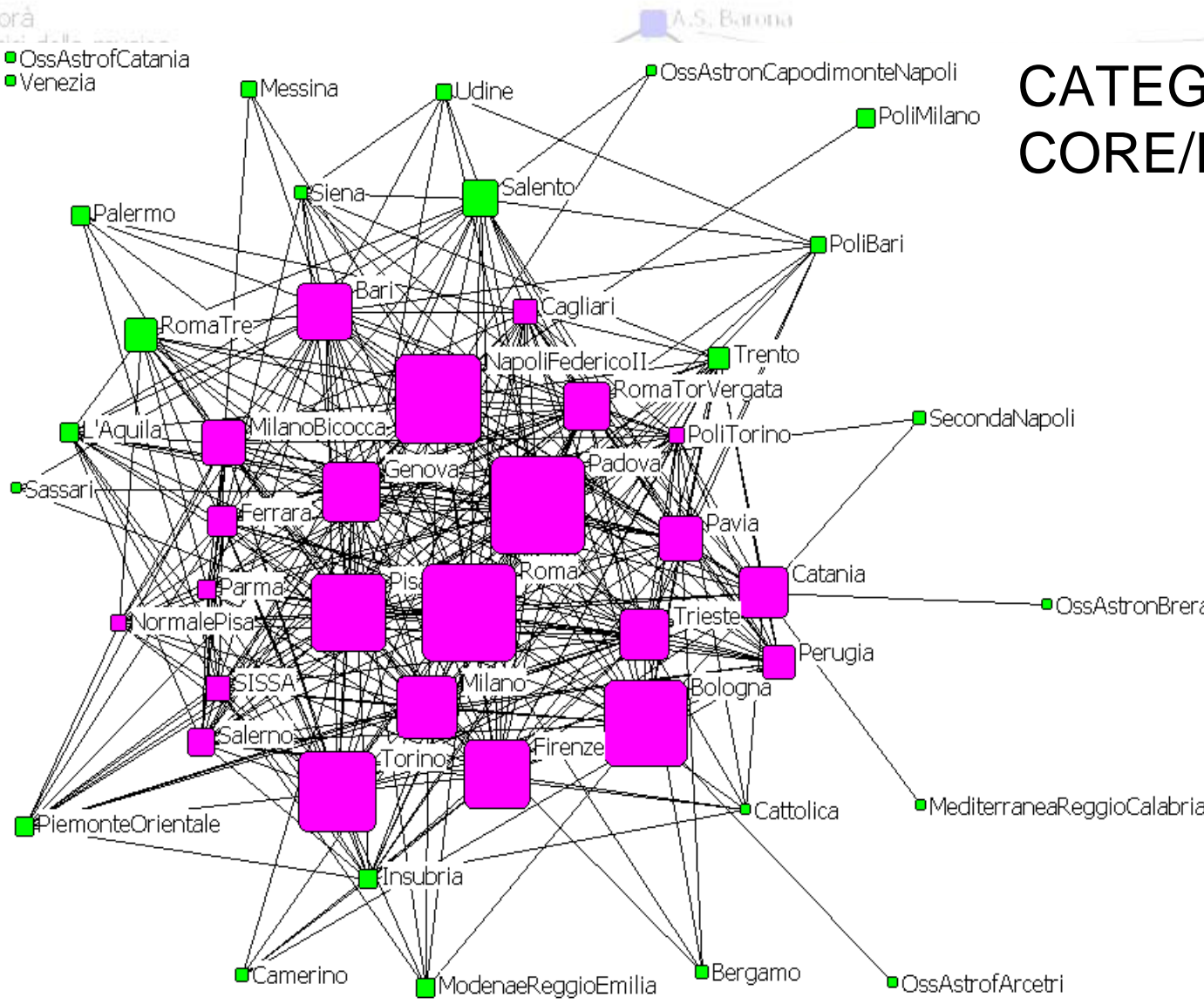
Red = group 0  
Blu = group 1  
Light green = group 2  
Turquoise = group 3  
Dark green = group 4  
Orange = group 5  
Yellow = group 6  
Violet = group 7  
Pink = group 8  
Brown = group 9

# Two approaches

- A factions type of approach ie use an optimization method to determine the core and the periphery.
- A continuous approach finding a coreness score to each actor



# CATEGORICAL CORE/PERIPHERY



- Red = group 0
- Blu = group 1
- Light green = group 2
- Turquoise = group 3
- Dark green = group 4
- Orange = group 5
- Yellow = group 6
- Violet = group 7
- Pink = group 8
- Brown = group 9

Density	Core	Periphery
Core	84%	23%
Periphery	23%	5%

# CONTINUOUS CORE/PERIPHERY

- OssAstrofCatania
- Venezia

