



My experience as MSC individual fellow

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How did I get there

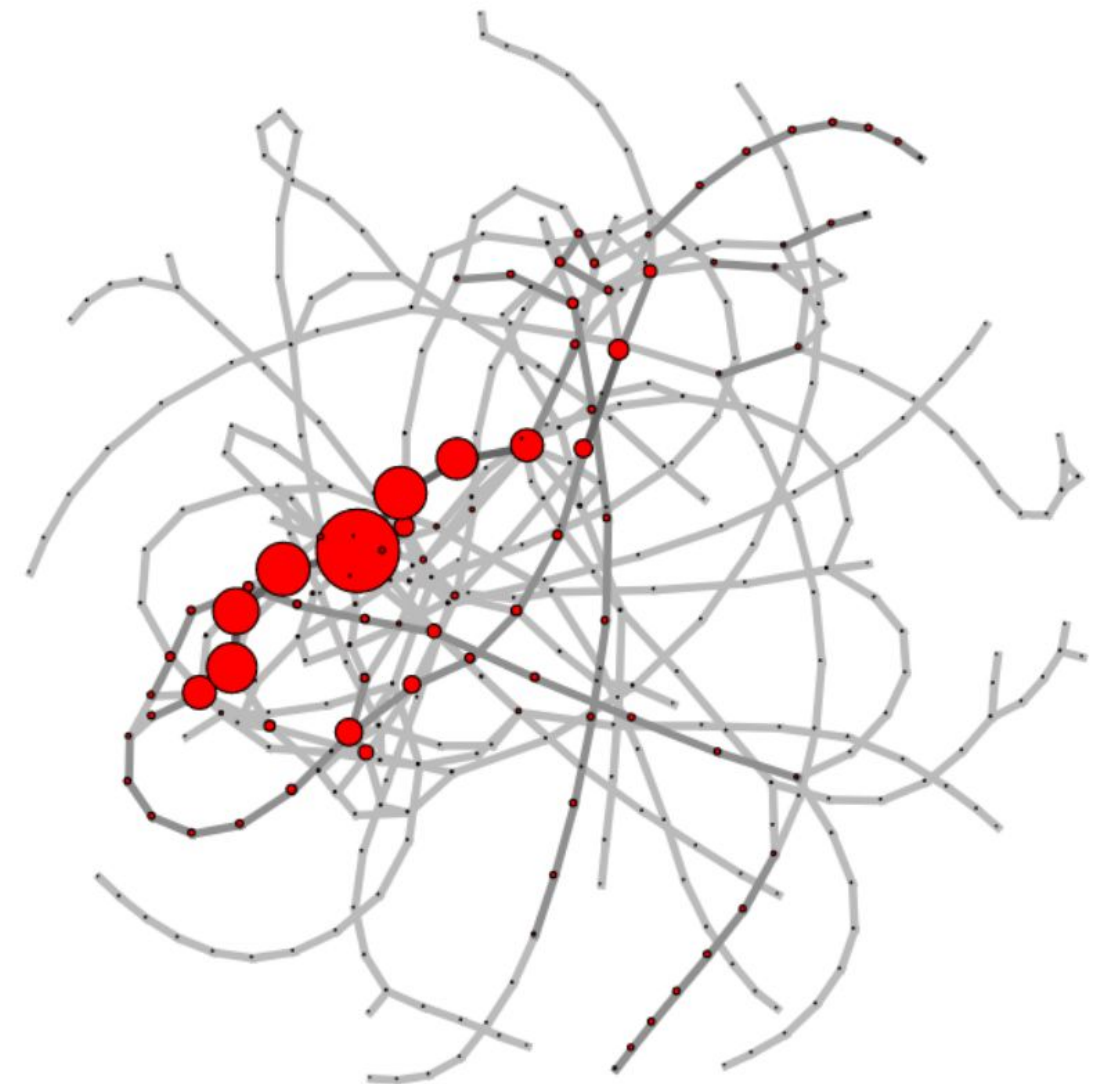
- PhD in Numerical Analysis
 - Postdoc in Machine Learning
- After one year and half of postdoc I applied for the Marie Curie Individual Fellowship program
- **Subject area:** Applied mathematics
 - **Title:** MAGNET - *Models and Algorithms for Graph centrality based on Nonlinear Eigenvalue Techniques*
 - **Institution** University of Strathclyde - Glasgow - UK
 - **Supervisor** Desmond J. Higham

What is graph centrality?

Network analysis tool that uses mathematics to **model importance** of nodes and numerical analysis to **compute it**.

Examples of “importance”:

- **high connectivity**: maximize the effect of commercial campaigns
- **high anomaly**: identify poisoned / noisy data
- **high risk**: predict effects of the spreading of diseases



My quick list of tips and tricks

Don't be scared to approach the supervisor!

I wrote to him an email saying if he would have been interested to be my supervisor in this application.

I had never met him before. And he was excited!

How to choose the supervisor

In my case: strong case for mutual transfer of knowledge

How about the “non-scientific” paper work

Plan ahead. It took me a couple of months while I was also doing the work for my postdoc project

You win even if you loose



Overall: **A wonderful experience!**

- Diversify your research experience
- Boost academic exposure and impact
- Be the guide of your own work (good leadership training)
- Help securing tenure-track position in the competitive EU market

