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**Final-Year Project, 2009–2010**  
**Simulation and Design of Optical Burst Switched Networks**

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*Aim*

- Our aim in this project is to simulate and design a simple optical burst switched network. In addition we study its performance under different design parameters and traffic loads.

*Main Tasks*

- Reviewing literature on optical burst switching (OBS) networks.
- Developing a simulation of a simple OBS network, probably using OptiSystem.
- Studying the performance of the above network under different design parameters and traffic loads.
- Optimizing the performance and identifying some design rules for the network.