



Petra Wyrowski
LightTrans GmbH
LightTrans VirtualLab UG
Founder and General Manager

Sector Optics, Software

Region Thuringia

Employees 15

Nomination as an Ambassador

Petra Wyrowski is a founder of two successful companies and she has now been managing one of them for more than 11 years. Petra is also active in a number of public networks. Women are still a rarity in physics – even more so in setting up a business. She probably got the courage to start her own business from her mother who was also an independent self-employed woman.

The company works international.

Petra is also involved in politics in the city of Jena on an honorary basis. AS a result of that she has also gained valuable experience through public events. She is active in various networks including OptoNet e.V., SpectoNet, Network of Excellence on Micro Optics (NEMO).

As part of her honorary work she is involved in the initiative “Child-friendly town of Jena”. It is here that she initiated the project “LOS – komm mit!” The initiative is aimed at the parents of children who are involved in clubs. The project helped unemployed women to learn computer and internet skills and how to write job applications. Some of the participants have already found jobs and one even started her own day-care business (even though the project did not focus on business start ups).

About the company

LightTrans GmbH is an international trendsetter in electromagnetic optical engineering founded in 1999. More than ten physicists, mathematicians, and computer experts are developing the next-generation electromagnetic optics software VirtualLab™. The new release of LightTrans’ optics software VirtualLab™ unifies modelling techniques ranging from geometrical optics to electromagnetic approaches on one single platform. The modelling techniques are applicable to a wide range of problems arising from optical engineering with special emphasis on laser optics, diffractive and micro-optics, information and communication technology, measuring, security, fabrication technology, aerospace and others.

Further information

www.lighttrans.com