

**Ralph Dum**, senior expert at the European Commission H2020 S+T+ARTS Research Programme Director



Ralph Dum is senior expert at the European Commission. He holds a PHD (1992) in physics. He worked on ultra-cold atoms, quantum optics/computing at various institutions in US, UK and France. After joining the EC, he has been in charge of developing research programmes - including on quantum computing, complex systems research, global systems science, and recently initiated S+T+ARTS, innovation at the nexus of Science, Technology, and the ARTS.