

TG Education and Outreach Overview

TG Leader	Rainer Müller
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TG Activities

- Develop experiments, learning material and exhibits for exhibitions and the MasterClasses
- Establish the areas of specialization (“Vertiefungsrichtungen”) and master programs in Quantum Engineering at TUBS and LUH
- Develop a competence framework for Quantum Technologies
- Support national and EU initiatives in Quantum Education

TG Competences/Services

- Outreach activities in Quantum Technologies
- Development of teaching material for new target group (engineers, information scientists)
- Evaluation based on educational research methods

Involved QF Members

Members	Institution	Relevant Expertise
Rainer Müller, Leader	TUBS	MasterClasses
Gunnar Friege	LUH	MasterClasses
Stina Scheer	LUH	MasterClasses
Azadeh Ghabari	LUH	MasterClasses
Rüdiger Scholz	LUH	DQ-mat foeXlabs
Nicolas Spethmann	PTB	Head of Quantum Technology Center PTB
Heiko Brüning	TUBS	QuEEP, Exhibit Development
Alexander Wanner	LUH	Support of Quantum Engineering “Vertiefungsrichtung”
Matthias Weigelt	LUH	Exhibit Development
Tara C. Liebisch	PTB	Development of learning material
Ernst Rasel	LUH	Development of learning material
Tanja Mehlstäubler	PTB/LUH	Support of Quantum Engineering “Vertiefungsrichtung”
Carsten Klempt	LUH	Development of learning material
Tobias Voss	TUBS	Support of Quantum Engineering “Vertiefungsrichtung”



Meinhard Schilling	TUBS	Speaker of IGSM and GRK NanoMet
Claus Lämmerzahl	ZARM	Quantum Sensors in Free Fall; Relativistic Geodesy; Quantum Objects in Gravity
Dennis Philipp	ZARM	General Relativity, relativistic geodesy