



STIFTERVERBAND



Quantum Valley  
Lower Saxony

## QTINDU WORKSHOP DAY:

### REQUIREMENTS FOR THE TRANSFER OF SKILLS FOR THE QUANTUM WORK- FORCE

Tuesday, June 20, 2023, 12:00 p.m. – 8:00 p.m.  
IBM Campus Ehningen, IBM-Allee 1, 71339 Ehningen

## PROGRAM (preliminary)

- from 12:00    Arrival, Lunch
- 12:45 p.m.    **OPENING**  
**Andrea Frank**, *Deputy Secretary General of the Stifterverband*  
**Naz Pourmalek**, *Management Quantum Valley Lower Saxony (English)*
- 1:00 p.m.    panel discussion  
**,COMPETENCES FOR THE 'QUANTUM WORKFORCE'**  
**What is expected and how can we build them?**  
Moderator: *Andrea Frank, Deputy Secretary General of the Stifterverband*  
*Dr. Michael Förtsch, Q.ANT GmbH*  
*Prof. Dr. Gesche Pospiech, TU Dresden (requested)*  
*Dr. Araceli Venegas-Gomez, CEO Qureca*  
*N.N., IBM*
- 13:45        **PRESENTATION OF THE QTINDU PROJECT**  
*Prof. Rainer Müller, TU Braunschweig*  
*Dr Araceli Venegas-Gomez, CEO Qureca*
- 2:00 pm      **TOUR OF THE IBM CAMPUS AND THE IBM QUANTUM COMPUTER**
- 2:30 p.m.    **WORKING GROUPS (parallel group visits to the quantum computer)**  
In the working groups, concrete recommendations for the QTIndu further training offers are developed in order to ensure that they fit the needs of the companies. The current status of the offers is presented.  
In addition, the following key questions structure the working groups:



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- » What requirements must further education offers meet in order to support (your) company or company in your industry in the use and development of quantum technologies and the formation of a competent "quantum work-force"?
- » How can these requirements for QTIndu be specified?
- » What are potential application scenarios in your company/in your industry?

*At the same time, a workshop will be held dealing with teacher training.*

6:00 p.m. **DINNER AND GET-TOGETHER**

7:00 p.m. Dinner Talk  
**HOW CAN EDUCATIONAL ACTORS AND NETWORKS MEANINGFULLY SUPPORT THE DEVELOPMENT OF QUANTUM EDUCATION?**

- N.N., Munich Quantum Valley (requested)
- Naz Pourmalek, CEO QVLS
- Benedict Mehmel, ARIC Hamburg (requested)