

World Quantum Day 2022



Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome from DESY, UHH, TUHH

Thursday 14 April 2022 09:00 (6 minutes)

DESY - ITT Director Arik Willner

UHH - President Hauke Heekeren

TUHH - President Andreas Timm-Giel

Session Classification: Welcome and Introduction

Contribution ID: 2

Type: **not specified**

Introduction

Thursday 14 April 2022 09:06 (14 minutes)

Presenter: BORRAS, Kerstin (DESY and RWTH Aachen University)

Session Classification: Welcome and Introduction

Contribution ID: 3

Type: **not specified**

Quantum Computing Spin-off Talk

Thursday 14 April 2022 09:20 (10 minutes)

Presenter: JANSEN, Karl (Z_ZPPT (Zeuthen Particle PhysicsTheory))

Session Classification: Quantum Computing - Hardware, Methods and Algorithms

Contribution ID: 4

Type: **not specified**

Panel Introduction

Thursday 14 April 2022 09:30 (10 minutes)

Moderator Henning Moritz

Panel:

Rainer Blatt, Dieter Jaksch, Klaus Sengstock, Karl Jansen, Sven Groppe

Session Classification: Quantum Computing - Hardware, Methods and Algorithms

Contribution ID: 5

Type: **not specified**

Diskussion

Thursday 14 April 2022 09:40 (20 minutes)

Session Classification: Quantum Computing - Hardware, Methods and Algorithms

Contribution ID: 6

Type: **not specified**

Quantum Materials Spin-off Talk

Thursday 14 April 2022 10:00 (10 minutes)

Presenter: MOLL, Philip

Session Classification: Quantum Materials

Contribution ID: 7

Type: **not specified**

Panel Introduction

Thursday 14 April 2022 10:10 (10 minutes)

Moderator Kai Rossnagel

Panel

Philip Moll, Michael Thorwart, Thore Posske, Ralf Röhlsberger

Session Classification: Quantum Materials

Contribution ID: 8

Type: **not specified**

Discussion

Thursday 14 April 2022 10:20 (15 minutes)

Session Classification: Quantum Materials

Contribution ID: 9

Type: **not specified**

Quantum Sensing and Quantum Communication Spin-off Talk

Thursday 14 April 2022 10:45 (10 minutes)

Presenter: SCHNABEL, Roman (UHH)

Session Classification: Quantum Sensing and Quantum Communication

Contribution ID: **10**

Type: **not specified**

Panel Introduction

Thursday 14 April 2022 10:55 (10 minutes)

Moderator: Oliver Gerberding

Panel:

Roman Schnabel, Ralf Riedinger, Steven Worm, Khiem Trieu

Session Classification: Quantum Sensing and Quantum Communication

Contribution ID: **11**

Type: **not specified**

Discussion

Thursday 14 April 2022 11:05 (15 minutes)

Session Classification: Quantum Sensing and Quantum Communication

Contribution ID: 12

Type: **not specified**

Technology Transfer Spin-off Talk

Thursday 14 April 2022 11:20 (10 minutes)

Presenter: BOLLE, Michael (Carl-Zeiss-Stiftung)

Session Classification: Technology Transfer, Start-Ups, Jobs

Contribution ID: **13**

Type: **not specified**

Panel Introduction

Thursday 14 April 2022 11:30 (10 minutes)

Moderator Ilka Mahns

Panel

Michael Bolle (Carl-Zeiss-Stiftung), Dominik Saile (DLR), Alois Krittli (ARIC),
Philipp Wessels-Staarmann(UHH), Anusch Taraz (TUHH), Franz Kärtner (DESY)

Session Classification: Technology Transfer, Start-Ups, Jobs

Contribution ID: **14**

Type: **not specified**

Discussion

Thursday 14 April 2022 11:40 (20 minutes)

Session Classification: Technology Transfer, Start-Ups, Jobs