

# **High-Energy and Nuclear Physics within Quantum Technologies**

## **Report of Contributions**

Contribution ID : 16

Type : **not specified**

## Lattice QCD methods

*Monday, 6 July 2020 09:00 (90)*

**Presenter(s)** : Prof. GATTRINGER, Christof (University of Graz (Austria))

Contribution ID : **18**

Type : **not specified**

## **Lattice QCD methods**

*Tuesday, 7 July 2020 09:00 (90)*

**Presenter(s)** : Prof. GATTRINGER, Christof (University of Graz (Austria))

Contribution ID : **19**

Type : **not specified**

## **Lattice QCD methods**

*Wednesday, 8 July 2020 09:00 (90)*

**Presenter(s)** : Prof. GATTRINGER, Christof (University of Graz (Austria))

Contribution ID : **20**

Type : **not specified**

## **Lattice QCD methods**

*Thursday, 9 July 2020 09:00 (90)*

**Presenter(s)** : Prof. GATTRINGER, Christof (University of Graz (Austria))

Contribution ID : 21

Type : **not specified**

## Lattice QCD methods

*Friday, 10 July 2020 09:00 (90)*

**Presenter(s)** : Prof. GATTRINGER, Christof (University of Graz (Austria))

Contribution ID : 22

Type : **not specified**

## **Lattice QCD methods**

*Monday, 6 July 2020 14:30 (90)*

**Presenter(s)** : Prof. GATTRINGER, Christof (University of Graz (Austria))

Contribution ID : 23

Type : **not specified**

## **Lattice QCD methods**

*Tuesday, 7 July 2020 14:30 (90)*

**Presenter(s)** : Prof. GATTRINGER, Christof (University of Graz (Austria))

Contribution ID : 24

Type : **not specified**

## Lattice QCD methods

*Wednesday, 8 July 2020 14:30 (90)*

**Presenter(s)** : Prof. GATTRINGER, Christof (University of Graz (Austria))

Contribution ID : 25

Type : **not specified**

## **Lattice QCD methods**

*Thursday, 9 July 2020 14:30 (90)*

**Presenter(s)** : Prof. GATTRINGER, Christof (University of Graz (Austria))

Contribution ID : 26

Type : **not specified**

## Lattice QCD methods

*Friday, 10 July 2020 14:30 (90)*

**Presenter(s)** : Prof. GATTRINGER, Christof (University of Graz (Austria))

Contribution ID : 28

Type : **not specified**

## **Open Quantum Systems and Optical Lattices**

*Monday, 6 July 2020 11:00 (90)*

**Presenter(s)** : Prof. HAUKE, Philipp Hans Juergen (Università di Trento (Italy))

Contribution ID : 29

Type : **not specified**

## **Open Quantum Systems and Optical Lattices**

*Tuesday, 7 July 2020 11:00 (90)*

**Presenter(s)** : Prof. HAUKE, Philipp Hans Juergen (Università di Trento (Italy))

Contribution ID : **30**

Type : **not specified**

## **Open Quantum Systems and Optical Lattices**

*Wednesday, 8 July 2020 11:00 (90)*

**Presenter(s)** : Prof. HAUKE, Philipp Hans Juergen (Università di Trento (Italy))

Contribution ID : 31

Type : **not specified**

## **Open Quantum Systems and Optical Lattices**

*Thursday, 9 July 2020 11:00 (90)*

**Presenter(s)** : Prof. HAUKE, Philipp Hans Juergen (Università di Trento (Italy))

Contribution ID : 32

Type : **not specified**

## **Open Quantum Systems and Optical Lattices**

*Friday, 10 July 2020 11:00 (90)*

**Presenter(s)** : Prof. HAUKE, Philipp Hans Juergen (Università di Trento (Italy))

Contribution ID : 33

Type : **not specified**

## **Open Quantum Systems and Optical Lattices**

*Monday, 6 July 2020 16:30 (90)*

**Presenter(s)** : Prof. HAUKE, Philipp Hans Juergen (Università di Trento (Italy))

Contribution ID : 34

Type : **not specified**

## **Open Quantum Systems and Optical Lattices**

*Tuesday, 7 July 2020 16:30 (90)*

**Presenter(s)** : Prof. HAUKE, Philipp Hans Juergen (Università di Trento (Italy))

Contribution ID : 35

Type : **not specified**

## **Open Quantum Systems and Optical Lattices**

*Wednesday, 8 July 2020 16:30 (90)*

**Presenter(s)** : Prof. HAUKE, Philipp Hans Juergen (Università di Trento (Italy))

Contribution ID : 36

Type : **not specified**

## **Open Quantum Systems and Optical Lattices**

*Thursday, 9 July 2020 16:30 (90)*

**Presenter(s)** : Prof. HAUKE, Philipp Hans Juergen (Università di Trento (Italy))

Contribution ID : 37

Type : **not specified**

## **Open Quantum Systems and Optical Lattices**

*Friday, 10 July 2020 16:30 (90)*

**Presenter(s)** : Prof. HAUKE, Philipp Hans Juergen (Università di Trento (Italy))

Contribution ID : **38**

Type : **not specified**

## **Challenges in Lattice QCD**

*Monday, 13 July 2020 09:00 (90)*

**Presenter(s)** : Prof. SCHAEFER, Stefan (NIC, DESY (Germany))

Contribution ID : 39

Type : **not specified**

## Challenges in Lattice QCD

*Tuesday, 14 July 2020 09:00 (90)*

**Presenter(s)** : Prof. SCHAEFER, Stefan (NIC, DESY (Germany))

Contribution ID : 40

Type : **not specified**

## Challenges in Lattice QCD

*Wednesday, 15 July 2020 09:00 (90)*

**Presenter(s)** : Prof. SCHAEFER, Stefan (NIC, DESY (Germany))

Contribution ID : 41

Type : **not specified**

## Challenges in Lattice QCD

*Thursday, 16 July 2020 09:00 (90)*

**Presenter(s)** : Prof. SCHAEFER, Stefan (NIC, DESY (Germany))

Contribution ID : 42

Type : **not specified**

## Challenges in Lattice QCD

*Friday, 17 July 2020 09:00 (90)*

**Presenter(s)** : Prof. SCHAEFER, Stefan (NIC, DESY (Germany))

Contribution ID : 43

Type : **not specified**

## Challenges in Lattice QCD

*Monday, 13 July 2020 14:30 (90)*

**Presenter(s)** : Prof. SCHAEFER, Stefan (NIC, DESY (Germany))

Contribution ID : 44

Type : **not specified**

## Challenges in Lattice QCD

*Tuesday, 14 July 2020 14:30 (90)*

**Presenter(s)** : Prof. SCHAEFER, Stefan (NIC, DESY (Germany))

Contribution ID : 45

Type : **not specified**

## Challenges in Lattice QCD

*Wednesday, 15 July 2020 14:30 (90)*

**Presenter(s)** : Prof. SCHAEFER, Stefan (NIC, DESY (Germany))

Contribution ID : 46

Type : **not specified**

## Challenges in Lattice QCD

*Thursday, 16 July 2020 14:30 (90)*

**Presenter(s)** : Prof. SCHAEFER, Stefan (NIC, DESY (Germany))

Contribution ID : 47

Type : **not specified**

## Challenges in Lattice QCD

*Friday, 17 July 2020 14:30 (90)*

**Presenter(s)** : Prof. SCHAEFER, Stefan (NIC, DESY (Germany))

Contribution ID : 48

Type : **not specified**

## Experimental tools in ion traps

*Monday, 13 July 2020 11:00 (90)*

**Presenter(s)** : Prof. BLATT, Rainer (University of Innsbruck (Austria))

Contribution ID : 49

Type : **not specified**

## **Experimental tools in ion traps**

*Tuesday, 14 July 2020 11:00 (90)*

**Presenter(s)** : Prof. BLATT, Rainer (University of Innsbruck (Austria))

Contribution ID : **50**

Type : **not specified**

## **Experimental tools in ion traps**

*Wednesday, 15 July 2020 11:00 (90)*

**Presenter(s)** : Prof. BLATT, Rainer (University of Innsbruck (Austria))

Contribution ID : 51

Type : **not specified**

## **Experimental tools in ion traps**

*Thursday, 16 July 2020 11:00 (90)*

**Presenter(s)** : Prof. BLATT, Rainer (University of Innsbruck (Austria))

Contribution ID : 52

Type : **not specified**

## Experimental tools in ion traps

*Friday, 17 July 2020 11:00 (90)*

**Presenter(s)** : Prof. BLATT, Rainer (University of Innsbruck (Austria))

Contribution ID : 53

Type : **not specified**

## Experimental tools in ion traps

*Monday, 13 July 2020 16:30 (90)*

**Presenter(s)** : Prof. BLATT, Rainer (University of Innsbruck (Austria))

Contribution ID : 54

Type : **not specified**

## **Experimental tools in ion traps**

*Tuesday, 14 July 2020 16:30 (90)*

**Presenter(s)** : Prof. BLATT, Rainer (University of Innsbruck (Austria))

Contribution ID : 55

Type : **not specified**

## **Experimental tools in ion traps**

*Wednesday, 15 July 2020 16:30 (90)*

**Presenter(s)** : Prof. BLATT, Rainer (University of Innsbruck (Austria))

Contribution ID : 56

Type : **not specified**

## **Experimental tools in ion traps**

*Thursday, 16 July 2020 16:30 (90)*

**Presenter(s)** : Prof. BLATT, Rainer (University of Innsbruck (Austria))

Contribution ID : 57

Type : **not specified**

## Experimental tools in ion traps

*Friday, 17 July 2020 16:30 (90)*

**Presenter(s)** : Prof. BLATT, Rainer (University of Innsbruck (Austria))

Contribution ID : 58

Type : **not specified**

## **Nuclear Physics and effective theories**

*Monday, 20 July 2020 09:00 (90)*

**Presenter(s)** : Prof. DAVOUDI, Zohreh (University of Maryland (USA))

Contribution ID : 59

Type : **not specified**

## **Nuclear Physics and effective theories**

*Tuesday, 21 July 2020 09:00 (90)*

**Presenter(s)** : Prof. DAVOUDI, Zohreh (University of Maryland (USA))

Contribution ID : **60**

Type : **not specified**

## **Nuclear Physics and effective theories**

*Wednesday, 22 July 2020 09:00 (90)*

**Presenter(s)** : Prof. DAVOUDI, Zohreh (University of Maryland (USA))

Contribution ID : 61

Type : **not specified**

## **Nuclear Physics and effective theories**

*Thursday, 23 July 2020 09:00 (90)*

**Presenter(s)** : Prof. DAVOUDI, Zohreh (University of Maryland (USA))

Contribution ID : 62

Type : **not specified**

## **Nuclear Physics and effective theories**

*Friday, 24 July 2020 09:00 (90)*

**Presenter(s)** : Prof. DAVOUDI, Zohreh (University of Maryland (USA))

Contribution ID : **63**

Type : **not specified**

## **Nuclear Physics and effective theories**

*Monday, 20 July 2020 14:30 (90)*

**Presenter(s)** : Prof. DAVOUDI, Zohreh (University of Maryland (USA))

Contribution ID : 64

Type : **not specified**

## **Nuclear Physics and effective theories**

*Tuesday, 21 July 2020 14:30 (90)*

**Presenter(s)** : Prof. DAVOUDI, Zohreh (University of Maryland (USA))

Contribution ID : 65

Type : **not specified**

## **Nuclear Physics and effective theories**

*Wednesday, 22 July 2020 14:30 (90)*

**Presenter(s)** : Prof. DAVOUDI, Zohreh (University of Maryland (USA))

Contribution ID : 66

Type : **not specified**

## **Nuclear Physics and effective theories**

*Thursday, 23 July 2020 14:30 (90)*

**Presenter(s)** : Prof. DAVOUDI, Zohreh (University of Maryland (USA))

Contribution ID : 67

Type : **not specified**

## **Nuclear Physics and effective theories**

*Friday, 24 July 2020 14:30 (90)*

**Presenter(s)** : Prof. DAVOUDI, Zohreh (University of Maryland (USA))

Contribution ID : 68

Type : **not specified**

## **Tensor network methods: from quantum information to solving lattice gauge theories**

*Monday, 20 July 2020 11:00 (90)*

**Presenter(s)** : Prof. BAÑULS, Mari Carmen (Max-Planck-Institute of Quantum Optics (Germany))

Contribution ID : 69

Type : **not specified**

## **Tensor network methods: from quantum information to solving lattice gauge theories**

*Tuesday, 21 July 2020 11:00 (90)*

**Presenter(s)** : Prof. BAÑULS, Mari Carmen (Max-Planck-Institute of Quantum Optics (Germany))

Contribution ID : 70

Type : **not specified**

## **Tensor network methods: from quantum information to solving lattice gauge theories**

*Wednesday, 22 July 2020 11:00 (90)*

**Presenter(s)** : Prof. BAÑULS, Mari Carmen (Max-Planck-Institute of Quantum Optics (Germany))

Contribution ID : 71

Type : **not specified**

## **Tensor network methods: from quantum information to solving lattice gauge theories**

*Thursday, 23 July 2020 11:00 (90)*

**Presenter(s) :** Prof. BAÑULS, Mari Carmen (Max-Planck-Institute of Quantum Optics (Germany))

Contribution ID : 72

Type : **not specified**

## **Tensor network methods: from quantum information to solving lattice gauge theories**

*Friday, 24 July 2020 11:00 (90)*

**Presenter(s) :** Prof. BAÑULS, Mari Carmen (Max-Planck-Institute of Quantum Optics (Germany))

Contribution ID : 73

Type : **not specified**

## **Tensor network methods: from quantum information to solving lattice gauge theories**

*Monday, 20 July 2020 16:30 (90)*

**Presenter(s)** : Prof. BAÑULS, Mari Carmen (Max-Planck-Institute of Quantum Optics (Germany))

Contribution ID : 74

Type : **not specified**

## **Tensor network methods: from quantum information to solving lattice gauge theories**

*Tuesday, 21 July 2020 16:30 (90)*

**Presenter(s)** : Prof. BAÑULS, Mari Carmen (Max-Planck-Institute of Quantum Optics (Germany))

Contribution ID : 75

Type : **not specified**

## **Tensor network methods: from quantum information to solving lattice gauge theories**

*Wednesday, 22 July 2020 16:30 (90)*

**Presenter(s) :** Prof. BAÑULS, Mari Carmen (Max-Planck-Institute of Quantum Optics (Germany))

Contribution ID : 76

Type : **not specified**

## **Tensor network methods: from quantum information to solving lattice gauge theories**

*Thursday, 23 July 2020 16:30 (90)*

**Presenter(s)** : Prof. BAÑULS, Mari Carmen (Max-Planck-Institute of Quantum Optics (Germany))

Contribution ID : 77

Type : **not specified**

## **Tensor network methods: from quantum information to solving lattice gauge theories**

*Friday, 24 July 2020 16:30 (90)*

**Presenter(s) :** Prof. BAÑULS, Mari Carmen (Max-Planck-Institute of Quantum Optics (Germany))

Contribution ID : 78

Type : **not specified**

## Chiral Theories

*Monday, 27 July 2020 09:00 (90)*

**Presenter(s)** : Prof. KAPLAN, David B. (University of Washington (USA))

Contribution ID : 79

Type : **not specified**

## Chiral Theories

*Tuesday, 28 July 2020 09:00 (90)*

**Presenter(s)** : Prof. KAPLAN, David B. (University of Washington (USA))

Contribution ID : **80**

Type : **not specified**

## **Chiral Theories**

*Wednesday, 29 July 2020 09:00 (90)*

**Presenter(s)** : Prof. KAPLAN, David B. (University of Washington (USA))

Contribution ID : **81**

Type : **not specified**

## **Chiral Theories**

*Thursday, 30 July 2020 09:00 (90)*

**Presenter(s)** : Prof. KAPLAN, David B. (University of Washington (USA))

Contribution ID : **82**

Type : **not specified**

## **Chiral Theories**

*Friday, 31 July 2020 09:00 (90)*

**Presenter(s)** : Prof. KAPLAN, David B. (University of Washington (USA))

Contribution ID : **83**

Type : **not specified**

## **Chiral Theories**

*Monday, 27 July 2020 14:30 (90)*

**Presenter(s)** : Prof. KAPLAN, David B. (University of Washington (USA))

Contribution ID : 84

Type : **not specified**

## Chiral Theories

*Tuesday, 28 July 2020 14:30 (90)*

**Presenter(s)** : Prof. KAPLAN, David B. (University of Washington (USA))

Contribution ID : 85

Type : **not specified**

## Chiral Theories

*Wednesday, 29 July 2020 14:30 (90)*

**Presenter(s)** : Prof. KAPLAN, David B. (University of Washington (USA))

Contribution ID : 86

Type : **not specified**

## Chiral Theories

*Thursday, 30 July 2020 14:30 (90)*

**Presenter(s)** : Prof. KAPLAN, David B. (University of Washington (USA))

Contribution ID : 87

Type : **not specified**

## Chiral Theories

*Friday, 31 July 2020 14:30 (90)*

**Presenter(s)** : Prof. KAPLAN, David B. (University of Washington (USA))

Contribution ID : **88**

Type : **not specified**

## **Experimental tools in cold gases and optical lattices**

*Monday, 27 July 2020 11:00 (90)*

**Presenter(s)** : Prof. JENDRZEJEWSKI, Fred (University of Heidelberg (Germany))

Contribution ID : **89**

Type : **not specified**

## **Experimental tools in cold gases and optical lattices**

*Tuesday, 28 July 2020 11:00 (90)*

**Presenter(s)** : Prof. JENDRZEJEWSKI, Fred (University of Heidelberg (Germany))

Contribution ID : **90**

Type : **not specified**

## **Experimental tools in cold gases and optical lattices**

*Wednesday, 29 July 2020 11:00 (90)*

**Presenter(s)** : Prof. JENDRZEJEWSKI, Fred (University of Heidelberg (Germany))

Contribution ID : 91

Type : **not specified**

## **Experimental tools in cold gases and optical lattices**

*Thursday, 30 July 2020 11:00 (90)*

**Presenter(s)** : Prof. JENDRZEJEWSKI, Fred (University of Heidelberg (Germany))

Contribution ID : 92

Type : **not specified**

## **Experimental tools in cold gases and optical lattices**

*Friday, 31 July 2020 11:00 (90)*

**Presenter(s)** : Prof. JENDRZEJEWSKI, Fred (University of Heidelberg (Germany))

Contribution ID : 93

Type : **not specified**

## **Experimental tools in cold gases and optical lattices**

*Monday, 27 July 2020 16:30 (90)*

**Presenter(s)** : Prof. JENDRZEJEWSKI, Fred (University of Heidelberg (Germany))

Contribution ID : 94

Type : **not specified**

## **Experimental tools in cold gases and optical lattices**

*Tuesday, 28 July 2020 16:30 (90)*

**Presenter(s)** : Prof. JENDRZEJEWSKI, Fred (University of Heidelberg (Germany))

Contribution ID : 95

Type : **not specified**

## **Experimental tools in cold gases and optical lattices**

*Wednesday, 29 July 2020 16:30 (90)*

**Presenter(s)** : Prof. JENDRZEJEWSKI, Fred (University of Heidelberg (Germany))

Contribution ID : 96

Type : **not specified**

## **Experimental tools in cold gases and optical lattices**

*Thursday, 30 July 2020 16:30 (90)*

**Presenter(s)** : Prof. JENDRZEJEWSKI, Fred (University of Heidelberg (Germany))

Contribution ID : 97

Type : **not specified**

## **Experimental tools in cold gases and optical lattices**

*Friday, 31 July 2020 16:30 (90)*

**Presenter(s)** : Prof. JENDRZEJEWSKI, Fred (University of Heidelberg (Germany))