

# September 2024

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

all-day

1 Sep

2 Sep



3 Sep

4 Sep

5 Sep

6 Sep

09

09 – 09:30  
Welcome

09:30 – 11  
Introduction to the summer school  
and atom cooling  
Wolf von Klitzing

09:30 – 11  
Interference in phase space  
Wolfgang Schleich

09:30 – 11  
Quantum mechanics and number  
theory  
Wolfgang Schleich

09:30 – 11  
Robust Quantum Control  
Carrie Weidner

09:30 – 11  
Large-Scale Atom Interferometry  
Hogan Jason

11

11 – 11:30  
COFFE

11 – 11:30  
COFFE

11 – 11:30  
COFFE

11 – 11:30  
COFFE

11 – 11:30  
COFFE

noon

11:30 – 13  
Introduction to Atom Interferometry  
Enno Giese and Friedrich Alexander

11:30 – 13  
Introduction to Atom Interferometry  
Enno Giese and Friedrich Alexander

11:30 – 13  
Quantum Control of Atoms in Optical  
Lattices  
Carrie Weidner

11:30 – 13  
Introduction to machine learning for  
data science  
Yannis Pantazis and Grigorios Tsagkatakis

11:30 – 13  
Artificial Gauge Potentials  
Dana Anderson

13

13 – 16  
ARRIVAL

13 – 15  
Lunch

13 – 15  
Lunch

13 – 14  
Lunch

13 – 15  
Lunch

13 – 15  
Lunch

14

14 – 19  
Excursion

15

15 – 16:30  
Landau-Zener transitions made  
simple  
Wolfgang Schleich

15 – 16:30  
Introduction to Atom Interferometry  
Enno Giese and Friedrich Alexander

15 – 16:30  
Artificial Gauge Potentials and  
Maxwell Waves  
Dana Anderson

15 – 16:30  
Quantum Control of Atoms in Optical  
Lattices  
Carrie Weidner

16

16 – 18  
REGISTRATION

16:30 – 17  
COFFE

16:30 – 17  
COFFE

16:30 – 17  
COFFE

16:30 – 17  
COFFE

17

17 – 18:30  
Introduction to Atom Interferometry  
Enno Giese and Friedrich Alexander

17 – 18:30  
Deep Learning for data analysis and  
control  
Yannis Pantazis and Grigorios Tsagkatakis

17 – 18:30  
Introduction to Atom Interferometry  
Enno Giese and Friedrich Alexander

17 – 18:30  
Large-Scale Atom Interferometry  
Hogan Jason

18

18 – 22  
WELCOME RECEPTION

18:30 – 20:30  
DINNER

18:30 – 20:30  
DINNER

18:30 – 20:30  
DINNER

18:30 – 22  
Closing Party -  
Prize Presentations

19

19:30 – 00  
Summer School DINNER

20

20:30 – 23:30  
POSTER SESSION 1

20:30 – 23:30  
POSTER SESSION 2

20:30 – 23:30  
POSTER SESSION 3

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