



First school

Saarbrücken 25th February to 08th March 2019

Programme

Monday 25th February

Time	Topic	Lecturer
08:45	Intro	Frank Wilhelm Mauch - USAAR
9-10:30	NV Centers	Elke Neu-Ruffing - USAAR
11-12:30	Numerics	Simone Montangero - UNIPD
12:30-14:00	lunch	
14-16	ESR practice talks	
16:00 – 16:15	Coffee break	
16:15-18	Visual numerics: Quantum Composer and Spin Drops	Shaeema Ahmed and Jesper Hasseriis Mohr Jensen – AU and Steffen Glaser - TUM

Tuesday 26th February

Time	Topic	Lecturer
9-10:30	Atomic Physics	Jörg Schmiedmayer - TUWIEN
11-12:30	Josephson Junctions	Patrice Bertet - CEA
12:30-14:00	lunch	
14-16	Introduction to outreach webinar	AU outreach team
16:00 – 16:15	Coffee break	
16:15-18	Introduction to outreach webinar	AU outreach team

Wednesday 27th February

Time	Topic	Lecturer
9-10:30	Josephson Junctions	Stefan Filip - IBM
11-12:30	NV Center	Fedor Jelezko - UULM
12:30-13:30	lunch	
13:30 – 14:00	ESR – coordinators meeting	
14-16	Josephson junctions practice	Stefan Filipp – IBM (Bertet/Filipp)
16:00 – 16:15	Coffee Break	
16:15-18	ESR presentation practice	

Thursday 28th February

Midterm review		
Time	Topic	Speaker(s) or Moderator(s)
08:30	Introduction	Dr. Athina Zampara (Project Officer); Prof. Christiane Koch (project coordinator)
08:45	Tour de Table	Principal investigators
09:15	REA project Officer presentation	Dr. Athina Zampara (Project Officer);
09:45	Coordinator's Report	Prof. Christiane Koch (project coordinator)
10:45	Coffee Break	
11:00	ESRs individual presentations	ESRs
12:30	Lunch Break	
13:30	ESR individual presentations	ESRs
15:00	Coffee Break	
15:30	Private session ESRs and Project officer (parallel session update on flagship)	Dr. Athina Zampara (Project Officer)
16:30	Private session P.I. and Project officer	Dr. Athina Zampara (Project Officer)
17:30	Feedback and Open discussion	Dr. Athina Zampara (Project Officer); Prof. Christiane Koch (project coordinator)
18:00	End	
19:30	Social Dinner	

Friday 1st March

Time	Topic	Lecturer
9-10:30	Coding Practice	Daniel Egger - IBM
11-12:30	Mathematics	Dominique Sugny - UBFC
12:30-14:00	lunch	
14-16	Math practice	Dominique Sugny - UBFC
16:00 – 16:15	Coffee break	
16:15-18	NV centers /laserlab practice	Elke Neu-Ruffing – USAAR (Neu-Ruffing/Jelezko)

Saturday 2nd March

Time	Topic	Lecturer
9-10:30	Atomic Physics	Sebastian Gleyzes
11-12:30	Mathematics	Dominique Sugny
12:30-14:00	lunch	
14-16	Numerics practice (REDCrab)	Marco Rossignolo - UULM (Montangero)
16:00 – 16:15	Coffee break	
16:15-18	Atomic Physics Practice	USAAR assistant (Schmiedmayer/Gleyzes)

Sunday 3rd March

Time	Excursion	
9-10:30		
11-12:30		
12:30-14:00		
14-17	Outreach Practice	Shaeema Ahmed and Jesper Hasseriis Mohr Jensen (AU)

Monday 4th March

Time	Topic	Lecturer
9-10:30	Mathematics	Ugo Boscain - INRIA
11-12:30	Numerics	Christiane Koch - UKASSEL
12:30	lunch	
Carnival parade		

Tuesday 5th March

Time	Topic	Lecturer
9-10:30	Coding Practice	Daniel Reich - UKASSEL
11-12:30	Sensing	Carl Caves - University of New Mexico
12:30-14:00	lunch	
14-16	Math practice	Eugenio Pozzoli – INRIA (Boscain)
16:00 – 16:15	Coffee Break	

16:15-18	Numerics Practice	UNIKASSEL assistant (Koch)
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Wednesday 6th March

Time	Topic	Lecturer
9-10:30	Characterisation	Frank Wilhelm-Mauch - USAAR
11-12:30	Sensing	Carl Caves – University of New Mexico
12:30-14:00	lunch	
14-16	Sensing practice	USAAR assistant (Caves)
16:00 – 16:15	Coffee Break	
16:15-18	Characterisation practice	USAAR assistant (Wilhelm-Mauch)

Thursday 7th March

Time	Topic	Lecturer
9-10:30	Characterisation	Frank Wilhelm-Mauch (USAAR)
11-12:30	Sensing	Carl Caves – University of New Mexico
12:30-14:00	lunch	
14-16	Battle of Algorithms	
16:00 – 16:15		
16:15-18	Coffee Break	

Friday 8th March

Time	Topic	Lecturer
9-10:30	Outreach exercise	AU team
11-12:30	Final discussion and debrief	