OpenSuperQ work preparation workshop, August 2018 - Schedule

Location: ETH Zurich Campus Hönggerberg, HIT-Building, room F.11.1.

Address: Wolfgang-Pauli-Strasse 27, 8093 Zürich, Google Map link

August 27th

Experimental integration session

13:00	Fabrication and design, 3D integration, conditions between control and qubit chip
14:00	Components - qubits, couplers, readout resonators and filters.
15:30	Chip layout – connectivity, readout wiring, connectorized box.
16:30	Cryogenics – discussion of ETH's design for the BlueFors XLD, wiring and integration
17:30	Central site update

Visit of Zurich Instruments & Dinner (Adrian Messmer will guide you to Zurich Instruments)

18:00	Transfer to hotel Coronado by bus no 69 (direction Milchbuck, exit at bus stop "Milchbuck"). Check in at Hotel Coronado. Transfer to Zurich Instruments by bus no 83 (direction Bahnhof Altstetten, exit at bus stop "Zurich Schiffbau").
19:00	Visit of Zurich Instruments[1] with Apéro & dinner at Ristorante "più Schiffsbau "[2], offered by Zurich Instrument [1]Technoparkstrasse 1, 8005 Zurich, Google Map link [2]Hardstrasse 259, Zürich 8005, Google Map link

August 28th

Software session

9:00	ZI electronics and experimental control software strategy
10:00	Building the software stack upwards: Labber / Middleware
12:00	Software for applications / High-level stack

Lunch

13:00	Tables are reserved in the Fusion Cafeteria[1] [1]HCI-Building, F-floor, Vladimir-Prelog-Weg 10, 8093 Zürich, Google Map link

Starting phase session I

14:00	WP 2: Fabrication – WP leader report (update from proposal phase, status of first milestones, staffing, risks)
15:00	WP 2: Fabrication – Participating groups report
16:00	**Coffee break**

16:30	WP 1: Theory – WP leader report (update from proposal phase, status of first milestones, staffing, risks)
17:15	WP 1: Theory – Participating groups report
18:00	Management and coordination update

Group Dinner

20:00	Dinner at Restaurant [z. Alten Löwen](#)[1], offered by IBM, Zurich Instruments and ETH Zurich [1]Universitätstrasse 111, 8006 Zürich, [Google Map link](#)

August 29th

Starting phase session II

8:30	WP 3: Measurement - WP leader report (update from proposal phase, status of first milestones, staffing, risks)
9:15	WP 3: Measurement - Participating groups report
10:00	**Coffee break**
10.15	WP 4: Operation and control - WP leader report (update from proposal phase, status of first milestones, staffing, risks)
11:00	WP 4: Operation and control - Participating groups report
11:45	Choice of 2-qubit gate type – Updated discussion

Lunch and departure

13:00	Tables are reserved in the Fusion Cafeteria[1] [1]HCI-Building, F-floor, Vladimir-Prelog-Weg 10 1, 8093 Zürich, [Google Map link](#)