Sunday 6 October		
14:00-17:00	**Excursion to Paestum Archeological Area**	
17:30-19:00	**Registration**	
19:30	**Welcome drink**	

Monday 7 October		
8:45-9:00	**Opening** E. Scheer, SUPERGATE Coordinator, University of Konstanz, Germany	
	Chairs: M. Cuoco*, CNR SPIN and* F. Giazotto *CNR NANO*	
9:00-9:40	J. Basset, University Paris Saclay, France	*Gate-assisted phase fluctuations in all-metallic Josephson junctions*
9:40-10:20	Y. Pashkin, Lancaster University, UK	*Field effect in superconductors: reality or delusion?*
10:20-10:50	G. De Simoni, CNR NEST, Italy	*Gate-tunable superconducting devices for digital electronics*
Coffee Break		
	Chairs: M. Cuoco*, CNR SPIN and* F. Giazotto*, CNR NANO*	
11:20- 12:00	A. Amoretti, University of Genova, Italy	*Superconductors in strong electric fields: Quantum Electrodynamics meets superconductivity*
12:00-12:30	Y. Fukaya, Okayama University, Japan	*Suppression of Josephson current by gating: role of spin-orbit coupling and low crystalline symmetry*
12:30-12:45	S. Annabi, Ecole Polytechnique, France	*Quantum phase-transitions and non-locality in ultraclean carbon nanotube-based Josephson junctions*
12:45-13:00	C. Guarcello, University of Salerno, Italy	*Anomalous Josephson effects in nanowire-based junctions*
Lunch Break		
	Chairs: A. Di Bernardo*, University of Salerno and* W. Belzig*, University of Konstanz*	
14:30-15:10	K. Delfanazari, University of Glasgow, UK	*Gate-voltage addressable superconducting-semiconducting hybrid circuits*
15:10-15:50	J. Cha, KRISS, South Korea	*Coupling of Photons and Phonons in Superconducting Microwave Circuits*
Coffee Break		
	Chairs: A. Di Bernardo*, University of Salerno and* W. Belzig*, University of Konstanz*	
16:15-16:30	J. Koch, University of Konstanz, Germany	*Gate-controlled switching in non-centrosymmetric superconducting devices*
16:30-16:45	L. Kupas, Budapest University of Technology and Economics, Hungary	*Switching dynamics of Al superconducting nanocircuits*
16:45-17:00	G. Trupiano, Scuola Normale Superiore, Italy	*A superconducting microwave relaxation oscillator with quasiparticle injection*
17:00-17:30	D. Nikolic, University of Greifswald, Germany	*Microscopic theory of gate-controlled surface depairing and anomalous in mesoscopic superconductors*
17:30-18:00	M. Berke, Budapest University of Technology and Economics, Hungary	*Switching dynamics in Al/InAs nanowire-based gate-controlled superconducting transistor*
18:00	**SUPERGATE Project Meeting**	
19:00	**Free time/discussion**	

Tuesday 8 October		
	Chairs: A. Caviglia*, University of Geneve and* A. Vecchione*, CNR SPIN*	
9:00-9:40	J. Berger, University of Regensburg, Germany	*Gate tunable supercurrent diode and anomalous Josephson effect*
9:40-10:20	C. Degen, ETH Zurich, Switzerland	*Scanning nitrogen vacancy magnetometry and imaging of Meissner screening*
10:20-10:35	K. Knapp, ETH Zurich, Switzerland	*Imaging of gate-controlled suppression of superconductivity by scanning nitrogen vacancy magnetometry*
10:35-10:50	H. Riechert, Ecole Polytechnique, France	*Coherent control of a carbon nanotube-based gatemon qubit*
Coffee Break		

	Chairs: A. Caviglia, *University of Geneva and* A. Vecchione, *CNR SPIN*	
11:20- 12:00	J. Meyer, University Grenoble Alpes, France	*Josephson tunneling at odd parity*
12:00-12:30	L. Ruf, University of Konstanz, Germany	*Gate controlled superconducting currents in Nb devices*
12:30-12:45	L. Marian, Université de Sherbrooke, Canada	*Observation of microwave Higgs modes in superconducting titanium nanostructures*
12:45-13:00	L. Andersson, Chalmers University, Sweden	*Real-time detection of quasiparticle tunneling events using a transmon qubit directly coupled to a waveguide*
Lunch Break		
	Chairs: K. K. Berggren, *MIT and* M. Arzeo, *SeeQc-EU*	
14:30-15:10	D. Daghero, University of Torino, Italy	*Reversible tuning of superconductivity in ion-gated NbN thin films*
15:10-15:50	B. Trauzettel, University of Wuerzburg	*Dynamics of biased Josephson junctions*
Coffee Break		
16:15-18:00	**Industry/EU Session**	
	Chairs: K. K. Berggren, *MIT and* M. Arzeo, *SeeQc-EU*	
16:15-16:30	M. Ritter, European Commission DG CNECT	*The European Vision for Quantum Technologies*
16:30-16:50	C. Puglia, DSQM, Italy	*Exploitation of laboratory results through DSQM: A superconducting electronics spin-off*
16:50-17:05	M. Eichinger, Quantum Machines, Denmark	*Beyond qubits: what does it take to run Shor's algorithm on a fault tolerant computer?*
17:05-17:20	D. Salvoni, Photon Technology Italy	*Superconducting Single Photon Detectors for Quantum Information*
17:20-17:35	R. Acharya, IMEC, Belgium	*Superconducting Qubit Control with Ultra-Low-Power Cryo-CMOS Multiplexer at Millikelvin Temperatures*
17:35-17:50	M. Arzeo, SEE-QC EU, Italy	*SFQ electronics for chip-based quantum computing*
17:50-18:00	Closing remarks	
19:30	**Conference dinner Hotel Cerere Paestum**	

Wednesday 9 October		
	Chairs: E. Scheer, *University of Konstanz and* P. Makk, *Budapest University of Technology and Economics*	
9:00-9:40	T. Jalabert, University of Grenoble, France	*Probing the dynamics of quasiparticles in a superconducting nanowire by scanning critical current microscopy*
9:40-10:20	K. K. Berggren, MIT, USA	*Superconducting Microstrip-Based Electronics: Revisiting the Cryotron*
10:20-10:35	L. Lakic, University of Copenhagen, Denmark	*Proximitized gate-controlled quantum dots in germanium*
10:35-10:50	D.C. Ohnmacht, University of Konstanz, Germany	*Full counting statistics of Yu-Shiba-Rusinov states*
Coffee Break		
	Chairs: E. Scheer, *University of Konstanz, and* P. Makk, *University of Budapest*	
11:20- 11:50	J. van den Brink, IFW Leibniz Dresden, Germany	*Topological surface superconductivity in* $PtBi_2$
11:50-12:20	V. Buccheri, Chalmers University, Sweden	*Microwave characterization of gate controlled superconducting nanowires*
12:20-12:35	I. Aupias, University of Geneve, Switzerland	*Local and ultrafast dynamics of NbTiN superconducting nanowires*
12:35-12:50	A. Guarino, CNR SPIN, Italy	*Gate Induced Nanoscale Currents Distribution in Nb Dayem Bridges*
12:50-13:05	C. Autieri, MagTop Warsaw, Poland	*Dirac surface states and superconductivity in Nb- and Ta-based A15 compounds*
13:05-13:15	**Closing**	
Lunch		
Afternoon	**Departure**	