	June 8, 2026 Monday	June 9, 2026 Tuesday	June 10, 2026 Wednesday I. - Bolyai	June 10, 2026 Wednesday II. - Mogyoródi	June 11, 2026 Thursday	June 12, 2026 Friday
8:00	Registration					
8:40	Wellcome	Registration	Registration		Registration	Registration
9:00	**Ronald Ulbricht** - The electronic structure of silicon vacancy centers in 4H-SiC	**Arzhang Ardavan** - Exploiting hyperfine-coupled nuclear spin qudits for quantum error corrected memories	**Igor Abrikosov** - New solid state qubits for quantum computing, sensing and communications: from theoretical prediction to experimental realization		**Romana Schirhagl** - Diamond based quantum sensing in medical diagnostics	**Marco Govoni** - Understanding the origin of defect-based single-photon emission in nitride materials
9:20						**Sébastien Pezzagna** - Photo-induced emission hopping of ultrabright and regularly occurring native quantum emitters in Aluminium Nitride
9:40	**Michel Bockstedte** - The spin- & photo physics of a prototypical color centers in SiC using quantum embedding methods	**Sophia E Economou** - Designing quantum memories: high-throughput assessment of nuclear-spin registers coupled to defects	**Geoffroy Hautier** - Finding the perfect imperfection: Accelerating the search of quantum defects using high-throughput computing		**Fa-Zhan Shi** - Magnetic Quantum Sensing for Life Science with an optimal sensitivity spin sensor in diamond	**Tomasz Jakubczyk** - Efficient Quasi-Resonant, Polarization-Selective Excitation of GaN Quantum Emitters
10:00	**Yu Zhou** - Strain-Enhanced Spin Readout Contrast in Silicon Carbide Membranes					**Ilya Popov** - Multiplet structure of chromium(III) dopants in wide band gap materials
10:20	coffee break	coffee break	coffee break		coffee break	coffee break
11:00	**Andrei Anisimov** - Optically addressable spin centers in the telecom window based on chlorine defects in SiC	**Erik Weiss** - Reversible Qudit Entanglement Protocols for Silicon Carbide Defect Centers	**Vsevolod Ivanov** - Insights from Defect Databases for the Design of Color Centers for Quantum Technology	**Marek Maciaszek** - Optical Stability and Photophysics of NV Centers in Diamond up to 120 Gpa	**Takeshi Ohshima** - Quantum Sensing using Silicon Vacancy toward Diagnostics of Silicon Carbide Devices	**Yuan Ping** - TBA theory
11:20	**Danial Shafizade** - Telecom-band quantum emitters in silicon carbide	**Vadim Vorobyov** - Characterizing a Nuclear Spin Qubit Cluster in Silicon Carbide: From One to 25	**Silvan Kretschmer** - First-principles Exploration and Characterization of Interstitial Color Centers in 2D Materials	**Esther Wang** - Multi-modal Widefield Microscopy of High-Pressure Superconductivity to Sub-Micron Resolution		
11:40	**Zhen-Xuan He** - TBA- The PL6 color center in silicon carbide emerges as a highly competitive solid-state spin-photon interface	**Dan Yudilevich** - Optimizing global polarization of a nuclear spin-bath coupled to an NV center via microscopic insights	**Helmi Fartas** - Time-resolved coherence properties of green-emitting color centers in hBN	**Omkar Dhungel** - Low-field all-optical detection of superconductivity using NV nanodiamonds	**Oliver Moen-Duran** - Photoluminescence study of SiC-SiO2 interface defects	**Zsolt Benedek** - Extended ab initio theory of the VB- center in hexagonal boron nitride: new insights from many-body wavefunction theory
12:00	**Thomas Astner** - Quantum Photonics with Vanadium in Silicon Carbide	**Edwin Barnes** - Electron-nuclear entanglement dynamics and photonic resource state generation from quantum defects	**Sajedeh Shahbazi** - Investigation of Spectral Dynamics and Spin Characteristics of a Mechanically Isolated Quantum Emitter in hBN	**Mykhailo Flaks** - TBA	**Yu Kaneho** - Identification of a donor-type charge transition level of color centers at SiO2/SiC interfaces	**Gergő Thiering** - Detailed vibronic sidebands for defects made simple from first principles
12:20	Lunch	Lunch	Lunch		Lunch	Lunch
14:00	**Jason Smith** - TBA (defect fabrication in diamond)	**Lei Sun** - Molecular Qubit Frameworks: Spin Dynamics and Quantum Sensing	**Piotr Tatarczak** - Engineering Visible Single-Photon Emitters by Manipulating Growth Conditions in MOVPE-Grown Layered BN	**Chris Adambukulam** - Spin-phonon coupling in a diamond bulk acoustic wave resonator	**Jean-Philippe Tetienne** - Optically addressable spins in hBN and other hosts for quantum sensing	**Hosung Seo** - First-principles investigations of spin qubit decoherence in two-dimensional crystalline materials
14:20			**Reda Moukaouine** - Theory of optically addressable molecular spins on hexagonal Boron Nitride	**Elena Missale** - A Tunable Hard-Mask Approach for Spatially Resolved NV Center Engineering in Diamond		
14:40	**Sen Yang** - Improving NV centers with surface engineering and use them for sensing in solid state physics	**Sam Bayliss** - Optically addressable spin qubits in chemically synthesised molecules	**Félix Cache** - A single optically active tumbling spin in silicon	**Iñaki Iriarte Zendoia** - Robust microwave cavity control for NV ensemble manipulation	**Carla Verdi** - In- and out-of-plane carbon centres in hexagonal and rhombohedral boron nitride	**Tristan Clua Provost** - Spin coherence properties of boron-vacancy centers in atomically-thin hexagonal boron nitride
15:00			**Shuyu Wen** - Telecom L-band optically detected spin of the C center in silicon	**Baksa Kolok** - Off-Resonant Geometric Control of NV Center Spins	**Song Li** - TBA - donor-acceptor pair in hBN as an origin for the common emission measured at 2 eV	**András Tárkányi** - Understanding Decoherence of the Boron Vacancy Center in Hexagonal Boron Nitride
15:20	coffee break	coffee break	coffee break		coffee break	Closing
16:00	**Lukas Razinkovas** - Charge State Equilibration of Nitrogen-Vacancy Center Ensembles in Diamond: The Role of Electron Tunneling	**Martin Plenio** - Quantum Control of Individual Molecular Colour Centers	**Greta Andrini** - Engineering L-band quantum emitters in silicon upon fs laser processing	**Anton Pershin** - A Coherence-Protection Scheme for Quantum Sensors Based on Ultra-Shallow Single Nitrogen-Vacancy Centers in Diamond	**Vincent Jacques** - TBA	
16:20	**Xiangdong Chen** - Detecting insulator-to-metal transition at microscale with diamond sensor		**Xiaoyi Lai** - An integrated quantum repeater node based on silicon carbide	**Vladimir Verkhovlyuk** - Quantum Relaxometry Under Continuous Wave Excitation		
16:40	**Paola Cappellaro** -TBA (NV sensing)	**Burak Gurlek** - Uncovering Vibrational Dynamics of Single Organic Molecules in Solids via Machine-Learned Interatomic Potentials: Toward Hybrid Quantum Architectures	**Elena Nieto Hernandez** - FIB writing of NIR emitters in 4H-SiC	**Timo Dolné** - Heralded Remote Entanglement Between Waveguide-integrated Diamond Tin-Vacancy Qubits	**Cora Crunteanu-Stanescu** - Optical properties of VB- hBN ultra-thin quantum sensors integrated in van der Waals heterostructures	
17:00		**Soumyasree Jena** - Controlling Zero-Field Splitting in Molecular Spin Qubits via Conjugation with Insights into Optical Addressability	**David Beke** - Toward Controlled Chemical Synthesis of Color Centers in Silicon Carbide for Quantum Technologies	**Yu Liu**- High-Probability Heralded Entanglement via Repeated Spin-Photon Phase Encoding with Moderate Cooperativity	**Charlie J. Patrickson** - Few MHz Quantum Magnetometry Enhanced by VB- 15N Nuclear Spins in hBN	
17:20	**Welcome reception**	Poster session 1	coffee break		Poster session 2	
17:40			Round table discussion with invited speakers			
18:00						
18:20			Walk to the dock			
18:40						
19:00			**Cruising on Danube**			
21:00						