Time		Talk		Speaker	
09:30 – 09:50 am		Registration			
09:50 – 10:00 am		Welcoming Remarks		Bob Coecke – CQC, University of Oxford	
				Niels Nielsen – CQC	
10:00 – 10:40 am		Calculating Sentence Similarity Using a Hybrid Classical-Quantum Workflow		Lee O'Riordan – Irish Centre for High-End Computing	
10:40 – 11:20 am		Rigorous Statements on Near-Term Quantum Computing		Jens Eisert – University of Cambridge	
11:20 – 11:50 am		Coffee & Tea Break			
11:50 – 12:30 pm	_	A Quantum Search Decoder for Natural Language Processing		Johannes Bausch – University of Cambridge	
12:30 – 13:10 pm		Universality: From Spin Models to Automata		Gemma De las Cuevas – <i>University of Innsbruck</i>	
13:10 – 14:40 pm		Lunch Break			
14:40 – 15:20 pm		Why NLP is Quantum-Native, and Beyond!		Bob Coecke – CQC, University of Oxford	
15:20 – 16:00 pm		Compositional Hyponymy with Positive Operators		Martha Lewis – University of Amsterdam	
16:00 – 16:30 pm		Coffee & Tea Break			
16:30 – 17:10 pm		Compositional NLP and Quantum Mechanics		Dimitri Kartsaklis – <i>Apple Inc</i> .	
17:10 – 17:50 pm		Towards Natural Language Processing on Quantum Hardware		Giovanni De Felice –CQC, <i>University of Oxford</i>	
	,			Konstantinos Meichanetzidis – CQC, University of Oxford	
				Alexis Toumi – CQC, University of Oxford	

Quantum Natural Language Processing 2019 Embracing the NISQ Era

Time	Talk		Speaker	
09:30 – 10:10 am	Which Language Operations to Implement First with Quantum Computers?		Dominic Widdows – <i>Grab</i>	
10:10 – 10:50 am	Qiskit OpenPulse: Building Quantum Applications from the Ground Up		Nate Earnest-Noble – <i>IBM</i>	
10:50 – 11:10 am	Coffee & Tea Break			
11:10 – 11:50 am	Working with PyZX		Aleks Kissinger – <i>University of Oxford</i>	
11:50 – 12:30 pm	A Divide-and-Conquer Hybrid Method for Smaller Quantum Computers		Vedran Dunjko – Leiden Institute of Advanced Computer Science	
12:30 – 14:00 pm	Lunch Break			
14:00 – 14:40 pm	Hybrid Quantum Algorithms for Machine Learning		Mattia Fiorentini – CQC	
14:40 – 15:00 pm	Quantum Enhanced Bayesian Inference for NLP Tasks		Linda Anticoli – CQC	
15:00 – 15:40 pm	A toy model for QNLP takes baby steps into the NISQ era		Stefano Gogioso – University of Oxford	
15:40 – 16:10 pm	Coffee & Tea Break			
16:10 – 16:55 pm	An Overview of the Key Players and Developments in Quantum Computing		Ilyas Khan – CQC	
			Denise Ruffner – CQC	
16:55 – 17:25 pm	Application Oriented Benchmarks for NISQ Devices		Ross Duncan – CQC, University of Strathclyde	
18:30 – 19:00 pm	Reception (By Invitation Only)			
19:00 – 21:00 pm	Dinner (By Invitation Only)			