

< Q | C | B >

QUANTUM COMPUTING BUSINESS

CONFERENCE 2019

International Quantum Computing Business Conference

June 20th 2019, 9am-6.30pm

Paris, Bpifrance Le Hub, 6/8 Bd Haussmann, 75009 Paris

A unique day to :

- Explore the amazing progress of Quantum Computing technologies and foresee the upcoming real-world use cases
 - Meet the pioneers of the international Quantum Computing ecosystem: startups, corporates, investors, scientists and leading experts

Quantum computing is the technological revolution that will transform many economic sectors by solving certain problems far faster than conventional machines. Due to its brand new programming approach, the entire value chain - including hardware, system architecture, algorithms, software, applications and services - has to be fully reinvented. Meet the pioneers of worldwide Quantum computing ecosystem: startups, corporates, investors, researchers and leading experts.

Join the discussion by attending round tables, keynotes and company pitches to explore the amazing progress made recently by Quantum Computing leading stakeholders and to foresee the upcoming real-world applications.

Theme	Session	Start	End	Type	Speakers
<i>Welcome Breakfast</i>		8h30	9h00	<i>Breakout Session</i>	
Introduction		9h00	9h10	Keynote	Paul François FOURNIER (Bpifrance) Cédric O (Secrétaire d'Etat au Numérique)
Introduction to the future of Quantum Computing	The Quantum Computing Revolution	9h10	9h40	Keynote	Alain ASPECT (Professor at Institut d'Optique and Ecole Polytechnique), interviewed by Antoine PETIT (CNRS)
	Best practices in national Quantum Computing initiatives	9h40	10h20	Round table	John MORTON (UK), Andrew DZURAK (Australia), Philippe GRANGIER (Fr) and Tommaso CALARCO (De), moderated by Philippe DULUC (Atos)
	On the race for Quantum Advantage	10h20	11h00	Round table	Vern BROWNELL (D-Wave), Heike RIEL (IBM), Nima ALIDOUST (Rigetti), moderated by Olivier EZRATTY (Expert)
<i>Coffee Break & networking</i>		11h00	11h20	<i>Breakout Session</i>	
Acceleration in the Quantum Computing Ecosystem	Quantum computing in Europe - a call to action	11h20	11h40	Keynote	Eric HAZAN, Alexandre MENARD, Daniel VOLZ (McKinsey)
	From R&D to Market : the industrialization challenge	11h40	12h00	Keynote	Maud VINET (CEA Leti)
	Funding the Next Frontier	12h00	12h40	Round table	Christophe JURCZAK (Quantonation), Kristjan SIGURDSON (CDL), Matthieu REPELLIN (Airbus V.) moderated by Gilles SCHANG (Bpifrance)
	The Quantum Ecosystem strategy of IBM	12h40	13h00	Keynote	Nicolas SEKKAKI (IBM)
<i>Lunch Break & meetings</i>		13h00	14h00	<i>Breakout Session</i>	
Solutions for Quantum Computing Integration	Solutions for achieving NISQ era quantum advantage	14h00	14h20	Keynote	Joseph EMERSON (Quantum Benchmark)
	Qubits : quantum computing circuits and devices	14h20	14h40	Keynote	Stewart ALLEN (IonQ)
	New approaches to algorithm development	14h40	15h00	Keynote	Nima ALIDOUST (Rigetti)
	Quantum Computing algorithms and business applications	15h00	15h20	Keynote	Christopher SAVOIE (Zapata Computing)
	High Power Computing : preparing the transition	15h20	15h40	Keynote	Thierry BRETON (Atos)
<i>Coffee Break & networking</i>		15h40	16h00	<i>Breakout Session</i>	
Near term applications and use cases of Quantum Computing	French industrial quantum use cases	16h00	17h00	Keynotes	Thierry BOTTER (Airbus) Henri CALANDRA (Total) Stéphane TANGUY (EDF)
	French Q-Startups pitches	17h00	17h45	Company Pitches	Igor CARRON (LightOn), Valerian GIESZ (Quandela), Georges-Olivier REYMOND (Pasqal), Marc KAPLAN (VeriQloud), Bruno DESRUELLE (Muquans)
Conclusion and next steps	Building the French Quantum Ecosystem	17h45	18h00	Keynote	Daniel VERWAERDE (Teratec)
		18h00	18h15	Keynote	Pascale SENELLART (Sirteq)
	Closing	18h15	18h30	Keynote	Cedric VILLANI, Nicolas DUFOURCQ (Bpifrance)