

World list of QIP ion trapping groups

Country	State	City	Institution	Group	Head	Ions
1 Argentina		Buenos Aires	University of Buenos Aires	Laboratory of Cold Ions and Atoms	Christian Schmiegelow	Ca+
2 Australia	New South Wales	Sydney	University of Sydney	Quantum Control Laboratory	Mike Biercuk	Be+, Yb+
3 Australia	Queensland	Brisbane	Griffith University	Ion-trap Quantum Computing Laboratory	Eric Streed, Mirko Lobino	Yb+
4 Austria		Innsbruck	University of Innsbruck	Quantum Optics and Spectroscopy	Rainer Blatt	Al+, Ba+, Ca+, Sr+
5 Austria		Innsbruck	University of Innsbruck	Quantum Interfaces Group	Tracy Northup	Ca+
6 Austria		Innsbruck	[Company]	AQT	Thomas Monz	Ca+
7 Austria		Villach	[Company]	Infineon Technologies	Clemens Rössler	Ca+
8 Canada	British Columbia	Burnaby	Simon Fraser University	Haljan Group	Paul Haljan	Yb+
9 Canada	Ontario	Ottawa	NRC	Measurement science and standards	John Bernard, Alan Madej	Sr+
10 Canada	Ontario	Waterloo	IQC, University of Waterloo	Quantum Information with Trapped Ions	K. Rajibul Islam	Ba+, Yb+
11 Canada	Ontario	Waterloo	IQC, University of Waterloo	Crystal Senko Group	Crystal Senko	Ba+
12 China	Anhui	Hefei	University of Science and Technology of China	Key Laboratory of Quantum Information	Guang-Can Guo	Yb+
13 China	Anhui	Hefei	University of Science and Technology of China	Key Laboratory of Microscale Magnetic Resonance	Jiangfeng Du, Yiheng Lin	Be+, Ca+, CaH+
14 China	Beijing	Beijing	Tsinghua University	Center for Quantum Information	Kihwan Kim	Ba+, Yb+
15 China	Beijing	Beijing	Tsinghua University	Center for Quantum Information	Luming Duan	Ca+, Yb+
16 China	Beijing	Beijing	Tsinghua University	Joint institute for Measurement Science	Li-Jun Wang	Ba+, Cd+, In+
17 China	Hubei	Wuhan	Huazhong University of Science and Technology	MOE Key Laboratory	Ze-Huang Lu	Al+, Mg+
18 China	Hubei	Wuhan	Wuhan Institute of Physics and Mathematics	Ion Optical Frequency Standard	Xue-Ren Huang	Al+, Ca+
19 China	Hubei	Wuhan	Wuhan Institute of Physics and Mathematics	Mercury Ion Microwave Frequency Standard	Jiaomei Li	Hg+
20 China	Hubei	Wuhan	Wuhan Institute of Physics and Mathematics	Quantum Information and Trapped Ion Physics	Mang Feng	Ca+
21 China	Hubei	Wuhan	Wuhan Institute of Physics and Mathematics	Trapping of Cold Ions	Ke-Lin Gao	Ca+, Li+
22 China	Hunan	Changsha	National University of Defense Technology	Department of Physics	Pingxing Chen	Ca+
23 Czech Republic		Olomouc & Brno	Palacký University & ISI	Quantum Optics Lab	Radim Filip, Lukáš Slodička	Ca+
24 Denmark		Aarhus	Aarhus University	Ion Trap Group	Michael Drewsen	Ca+, molecular ions
25 Finland		Helsinki	Aalto University	MIKES Time and Frequency Group	Mikko Merimaa	Sr+
26 France		Besançon	FEMTO-ST	Compact Optical Atomic Clock	Clément Lacroûte	Yb+
27 France		Marseille	Aix-Marseille University	Ion Trapping and Laser Manipulation Group	Martina Knoop, Caroline Champenois	Ca+
28 France		Paris	LKB	Trapped Ions Group	Laurent Hilico	H2+
29 France		Paris	Université Paris Diderot	Trapped Ions and Quantum Information	Luca Guidoni, Samuel Guibal	Sr+
30 Germany		Bonn	University of Bonn	Experimental Quantum Physics	Michael Köhl	Yb+
31 Germany		Braunschweig	PTB	Quantum Logic Spectroscopy Group	Piet Schmidt	Al+, Ca+, Mg+, Be+, molecular ions
32 Germany		Braunschweig	PTB	Multi-Ion Clocks	Tanja Mehlstäubler	In+, Yb+
33 Germany		Braunschweig	PTB	Trapped-Ion Quantum Engineering	Christian Ospelkaus	Be+
34 Germany		Braunschweig	PTB	Optical Clocks with Trapped Ions	Nils Huntemann	Yb+, Sr+
35 Germany		Braunschweig	PTB	Laser Nuclear Spectroscopy	Ekkehard Peik	Th+
36 Germany		Düsseldorf	University of Düsseldorf	Quantum Optics and Relativity	Stephan Schiller	Be+, HD+
37 Germany		Erlangen	MPI for the Science of Light	Leuchs Division	Gerd Leuchs	Yb+
38 Germany		Freiburg	University of Freiburg	Schaetz Division	Tobias Schaetz	Ba+, Mg+
39 Germany		Garching	MPQ	Trapped Ions Group	Thomas Udem, Ted Hänsch	Be+, Mg+
40 Germany		Hannover	Leibniz University	Trapped-Ion Quantum Engineering	Christian Ospelkaus	Be+
41 Germany		Heidelberg	MPI für Kernphysik	Highly Charged Ion Dynamics	José Ramon Crespo López-Urrutia	Be+, highly charged ions

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42	Germany	Kassel	University of Kassel	Light-matter interaction	Kilian Singer	Ca+
43	Germany	Mainz	Mainz University	Cold Ions and Experimental Quantum Information	Ferdinand Schmidt-Kaler	Ca+, Sr+
44	Germany	Saarbrücken	Saarland University	Quantum Photonics Group	Jürgen Eschner	Ca+
45	Germany	Siegen	University of Siegen	Quantum Optics Research Group	Christof Wunderlich	Yb+
46	Germany	Ulm	Ulm University	Institute of Quantum Matter	Johannes Hecker Denschlag	Ba+, Rb+
47	India	Bangalore	Raman Research Institute	Quantum Interactions	Sadiq Rangwala	Rb+
48	Israel	Rehovot	Weizmann Institute	Trapped-Ions Lab	Roei Ozeri	Sr+
49	Israel	Rehovot	Weizmann Institute	Molecular Physics Group	Daniel Zajfman	Molecular ions
50	Israel	Rehovot	Weizmann Institute	Molecular Qubits Laboratory	Ziv Meir	Molecular ions
51	Italy	Florence	University of Florence	Atom-Ion Florence	Carlo Sias	Ba+
52	Japan	Kobe	NICT	Quantum ICT Laboratory	Kazuhiro Hayasaka	Ca+, In+
53	Japan	Kyoto	Kyoto University	Quantum Optical Engineering	Masao Kitano	Yb+
54	Japan	Okinawa	Okinawa Institute of Science and Technology Graduate School	Experimental Quantum Information Physics (EQulP) unit	Hiroki Takahashi	Ca+, Ba+
55	Japan	Osaka	Osaka University	Mukaiyama Laboratory	Takashi Mukaiyama	Ca+, In+
56	Japan	Osaka	Osaka University	QIP using trapped ions (Toyoda Group)	Kenji Toyoda	Ca+
57	Japan	Osaka	Osaka University	Tanaka Group	Utako Tanaka	Ca+
58	Japan	Tokyo	The University of Tokyo	Noguchi Laboratory	Atsushi Noguchi	Be+
59	Japan	Tokyo	University of Tokyo	Hasegawa Laboratory	Shuichi Hasegawa	Ca+
60	Netherlands	Amsterdam	University of Amsterdam	Hybrid atom-ion Quantum Systems	Rene Gerritsma	Yb+
61	Netherlands	Amsterdam	VU Amsterdam	HD+ spectroscopy team	Jeroen Koelemeij	Be+, HD+
62	Netherlands	Amsterdam	VU Amsterdam	Ultrafast Laser Physics and Precision Metrology Group	Kjeld Eikema	Ca+
63	Netherlands	Groningen	University of Groningen	Research Group Ions	Klaus Jungmann	Ba+, Ra+
64	Singapore	Singapore	CQT	Microtraps Group	Murray Barrett	Ba+, Lu+
65	Singapore	Singapore	CQT	Trapped molecular ions	Dzmitry Matsukevich	Yb+, SiO+
66	Singapore	Singapore	CQT	Cold Ion Group	Manas Mukherjee	Ba+
67	South Africa	Stellenbosch	Stellenbosch University	Trapped Ion Quantum Control	Hermann Uys	Yb+
68	South Korea	Pohang	Pohang University of Science and Technology	Quantum Computing and Quantum Network	Moonjoo Lee	Yb+
69	South Korea	Seoul	Ewha Womans University	Trapped Ion Quantum Computing Lab	Taeyoung Choi	Yb+
70	South Korea	Seoul	Seoul National University	Nano/Micro system & controls Lab	Dan Cho	Yb+
71	South Korea	Seoul	Seoul National University	Quantum Information and Quantum Computing Lab	Taehyun Kim	Yb+
72	South Korea	Suwon	Sungkyunkwan University	Quantum Engineering with Trapped Ions	Junki Kim	Yb+, Ba+
73	Spain	Granada	Universidad de Granada	Molecules Atoms Ions Nuclei	Daniel Rodríguez	Ca+
74	Sweden	Stockholm	Stockholm University	Trapped Ion Quantum Technologies	Markus Hennrich	Sr+
75	Switzerland	Basel	University of Basel	Willitsch Group	Stefan Willitsch	Ca+, molecular ions
76	Switzerland	Villigen	Paul Scherrer Institut	Ion Trap Quantum Computing	Cornelius Hempel	Ca+
77	Switzerland	Zurich	ETH	Trapped Ion Quantum Information	Jonathan Home	Be+, Ca+
78	United Kingdom	Brighton	University of Sussex	Ion Quantum Technology Group	Winni Hensinger	Yb+
79	United Kingdom	Brighton	University of Sussex	ITCM Group	Matthias Keller	Ca+, N2+
80	United Kingdom	London	Imperial College	Ion Trapping Group	Richard Thompson	Ca+
81	United Kingdom	Oxford	University of Oxford	Ion Trap Quantum Computing Group	David Lucas, Andrew Steane	Ca+, Sr+
82	United Kingdom	Oxford	University of Oxford	Softley Research Group	Tim Softley	Ca+, molecular ions

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83	United Kingdom	Teddington	NPL	Strontium Ion Optical Frequency Standard	Alastair Sinclair, Patrick Gill	Sr+
84	United Kingdom	Teddington	NPL	Ytterbium Ion Optical Frequency Standard	Rachel Godun	Yb+
85	USA	California	Berkeley	UC Berkeley	Hartmut Häffner	Ca+
86	USA	California	Los Angeles	UCLA	Eric Hudson	Ba+, Yb+, molecular ions
87	USA	California	Los Angeles	UCLA	Wes Campbell	Yb+
88	USA	Colorado	Boulder	NIST	John Bollinger	Al+, Be+, Ca+, Hg+, Mg+, molecular ions
89	USA	Colorado	Broomfield	[Company]	Tony Uttley	Yb+, Ba+
90	USA	Connecticut	Storrs	University of Connecticut	Winthrop Smith	Ca+, Na+, Rb+, molecular ions
91	USA	Georgia	Atlanta	Georgia Tech	Michael Chapman	Ba+, Th3+, molecular ions
92	USA	Georgia	Atlanta	GTRI	Robert Wyllie	Ca+, Yb+, Sr+
93	USA	Illinois	Evanston	Northwestern University	Brian Odom	Ba+, molecular ions
94	USA	Indiana	Bloomington	Indiana University	Phil Richerme	Yb+
95	USA	Maryland	UMD College Park	Army Research Lab, JQI	Qudsia Quraishi	Ba+
96	USA	Maryland	UMD College Park	Army Research Lab, JQI	Joe Britton	Yb+, Ba+
97	USA	Maryland	UMD College Park	[Company]	Peter Chapman, Jungsang Kim, Chris Monroe	Yb+
98	USA	Massachusetts	Amherst	Amherst College	David Hanneke	Be+
99	USA	Massachusetts	Cambridge	MIT Center for Ultracold Atoms	Vladan Vuletic	Yb+
100	USA	Massachusetts	Cambridge	MIT Center for Ultracold Atoms	Ike Chuang	Sr+
101	USA	Massachusetts	Lexington	MIT Lincoln Laboratory	John Chiaverini	Ca+, Sr+
102	USA	Massachusetts	Williamstown	Williams College	Charlie Doret	Ca+
103	USA	New Mexico	Albuquerque	Sandia National Labs	Dan Stick	Ca+, Yb+
104	USA	New York	New York	New York University	Jiehang Zhang	Be+
105	USA	North Carolina	Durham	Duke University	Kenneth Brown	Ca+, Yb+, B+, molecular ions
106	USA	North Carolina	Durham	Duke University	Chris Monroe	Ba+, Yb+
107	USA	North Carolina	Durham	Duke University	Marko Cetina	Yb+
108	USA	North Carolina	Durham	Duke University	Crystal Noel	Ca+
109	USA	North Carolina	Durham	Duke University	Norbert Linke	Yb+, Sr+
110	USA	North Carolina	Durham	Duke University	Jungsang Kim	Ba+, Yb+
111	USA	Ohio	Granville	Denison University	Steven Olmschenk	Ba+
112	USA	Oregon	Eugene	University of Oregon	David Allcock, Dave Wineland	Ca+
113	USA	Texas	Houston	Rice University	Guido Pagano	Yb+
114	USA	Vermont	Middlebury	Middlebury College	Paul Hess	Yb+
115	USA	Washington	Seattle	University of Washington	Sara Mouradian	Ca+
116	USA	Washington	Seattle	University of Washington	Boris Blinov	Ba+, Yb+