

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	Canada	British Columbia Burnaby	Simon Fraser University	Haljan Group	Paul Haljan	Yb+
8	Canada	Ontario Ottawa	NRC	Measurement science and standards	John Bernard, Alan Madej	Sr+
9	Canada	Ontario Waterloo	IQC, University of Waterloo	Quantum Information with Trapped Ions	K. Rajibul Islam	Ba+, Yb+
10	Canada	Ontario Waterloo	IQC, University of Waterloo	Crystal Senko Group	Crystal Senko	Ba+
11	China	Anhui Hefei	University of Science and Technology of China	Key Laboratory of Quantum Information	Guang-Can Guo	Yb+
12	China	Anhui Hefei	University of Science and Technology of China	Key Laboratory of Microscale Magnetic Resonance	Jiangfeng Du, Yiheng Lin	Be+, Ca+, CaH+
13	China	Beijing Beijing	Tsinghua University	Center for Quantum Information	Kihwan Kim	Ba+, Yb+
14	China	Beijing Beijing	Tsinghua University	Center for Quantum Information	Luming Duan	Ca+, Yb+
15	China	Beijing Beijing	Tsinghua University	Joint institute for Measurement Science	Li-Jun Wang	Ba+, Cd+, In+
16	China	Hubei Wuhan	Huazhong University of Science and Technology	MOE Key Laboratory	Ze-Huang Lu	Al+, Mg+
17	China	Hubei Wuhan	Wuhan Institute of Physics and Mathematics	Ion Optical Frequency Standard	Xue-Ren Huang	Al+, Ca+
18	China	Hubei Wuhan	Wuhan Institute of Physics and Mathematics	Mercury Ion Microwave Frequency Standard	Jiaomei Li	Hg+
19	China	Hubei Wuhan	Wuhan Institute of Physics and Mathematics	Quantum Information and Trapped Ion Physics	Mang Feng	Ca+
20	China	Hubei Wuhan	Wuhan Institute of Physics and Mathematics	Trapping of Cold Ions	Ke-Lin Gao	Ca+, Li+
21	China	Hunan Changsha	National University of Defense Technology	Department of Physics	Pingxing Chen	Ca+
22	Czech Republic	Olomouc & Brno	Palacký University & ISI	Quantum Optics Lab	Radim Filip, Lukáš Slodička	Ca+
23	Denmark	Aarhus	Aarhus University	Ion Trap Group	Michael Drewsen	Ca+, molecular ions
24	Finland	Helsinki	Aalto University	MIKES Time and Frequency Group	Mikko Merimaa	Sr+
25	France	Besançon	FEMTO-ST	Compact Optical Atomic Clock	Clément Lacroûte	Yb+
26	France	Marseille	Aix-Marseille University	Ion Trapping and Laser Manipulation Group	Martina Knoop, Caroline Champenois	Ca+
27	France	Paris	LKB	Trapped Ions Group	Laurent Hilico	H2+
28	France	Paris	Université Paris Diderot	Trapped Ions and Quantum Information	Luca Guidoni, Samuel Guibal	Sr+
29	Germany	Bonn	University of Bonn	Experimental Quantum Physics	Michael Köhl	Yb+
30	Germany	Braunschweig	PTB	Quantum Logic Spectroscopy Group	Piet Schmidt	Al+, Ca+, Mg+, Be+, molecular ions
31	Germany	Braunschweig	PTB	Multi-Ion Clocks	Tanja Mehlstäubler	In+, Yb+
32	Germany	Braunschweig	PTB	Trapped-Ion Quantum Engineering	Christian Ospelkaus	Be+
33	Germany	Braunschweig	PTB	Optical Clocks with Trapped Ions	Nils Huntemann	Yb+, Sr+
34	Germany	Braunschweig	PTB	Laser Nuclear Spectroscopy	Ekkehard Peik	Th+
35	Germany	Düsseldorf	University of Düsseldorf	Quantum Optics and Relativity	Stephan Schiller	Be+, HD+
36	Germany	Erlangen	MPI for the Science of Light	Leuchs Division	Gerd Leuchs	Yb+
37	Germany	Freiburg	University of Freiburg	Schaetz Division	Tobias Schaetz	Ba+, Mg+
38	Germany	Garching	MPQ	Trapped Ions Group	Thomas Udem, Ted Hänsch	Be+, Mg+
39	Germany	Hannover	Leibniz University	Trapped-Ion Quantum Engineering	Christian Ospelkaus	Be+
40	Germany	Heidelberg	MPI für Kernphysik	Highly Charged Ion Dynamics	José Ramon Crespo López-Urrutia	Be+, highly charged ions
41	Germany	Kassel	University of Kassel	Light-matter interaction	Kilian Singer	Ca+
42	Germany	Mainz	Mainz University	Cold Ions and Experimental Quantum Information	Ferdinand Schmidt-Kaler	Ca+, Sr+
43	Germany	Saarbrücken	Saarland University	Quantum Photonics Group	Jürgen Eschner	Ca+
44	Germany	Siegen	University of Siegen	Quantum Optics Research Group	Christof Wunderlich	Yb+
45	Germany	Ulm	Ulm University	Institute of Quantum Matter	Johannes Hecker Denschlag	Ba+, Rb+
46	India	Bangalore	Raman Research Institute	Quantum Interactions	Sadiq Rangwala	Rb+
47	Israel	Rehovot	Weizmann Institute	Trapped-Ions Lab	Roei Ozeri	Sr+
48	Israel	Rehovot	Weizmann Institute	Molecular Physics Group	Daniel Zajfman	Molecular ions
49	Italy	Florence	University of Florence	Atom-Ion Florence	Carlo Sias	Ba+
50	Japan	Kobe	NICT	Quantum ICT Laboratory	Kazuhiro Hayasaka	Ca+, In+
51	Japan	Kyoto	Kyoto University	Quantum Optical Engineering	Masao Kitano	Yb+
52	Japan	Okinawa	Okinawa Institute of Science and Technology Graduate	Experimental Quantum Information Physics (EQulP) unit	Hiroki Takahashi	Ca+, Ba+

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53	Japan	Osaka	Osaka University	Mukaiyama Laboratory	Takashi Mukaiyama	Ca+, In+
54	Japan	Osaka	Osaka University	QIP using trapped ions (Toyoda Group)	Kenji Toyoda	Ca+
55	Japan	Osaka	Osaka University	Tanaka Group	Utako Tanaka	Ca+
56	Japan	Tokyo	The University of Tokyo	Noguchi Laboratory	Atsushi Noguchi	Be+
57	Japan	Tokyo	University of Tokyo	Hasegawa Laboratory	Shuichi Hasegawa	Ca+
58	Netherlands	Amsterdam	University of Amsterdam	Hybrid atom-ion Quantum Systems	Rene Gerritsma	Yb+
59	Netherlands	Amsterdam	VU Amsterdam	HD+ spectroscopy team	Jeroen Koелеmeij	Be+, HD+
60	Netherlands	Amsterdam	VU Amsterdam	Ultrafast Laser Physics and Precision Metrology Group	Kjeld Eikema	Ca+
61	Netherlands	Groningen	University of Groningen	Research Group Ions	Klaus Jungmann	Ba+, Ra+
62	Singapore	Singapore	CQT	Microtraps Group	Murray Barrett	Ba+, Lu+
63	Singapore	Singapore	CQT	Trapped molecular ions	Dzmitry Matsukevich	Yb+, SiO+
64	Singapore	Singapore	CQT	Cold Ion Group	Manas Mukherjee	Ba+
65	South Africa	Stellenbosch	Stellenbosch University	Trapped Ion Quantum Control	Hermann Uys	Yb+
66	South Korea	Pohang	Pohang University of Science and Technology	Quantum Computing and Quantum Network	Moonjoo Lee	Yb+
67	South Korea	Seoul	Ewha Womans University	Trapped Ion Quantum Computing Lab	Taeyoung Choi	Yb+
68	South Korea	Seoul	Seoul National University	Nano/Micro system & controls Lab	Dan Cho	Yb+
69	South Korea	Seoul	Seoul National University	Quantum Information and Quantum Computing Lab	Taehyun Kim	Yb+
70	South Korea	Suwon	Sungkyunkwan University	Quantum Engineering with Trapped Ions	Junki Kim	Yb+, Ba+
71	Spain	Granada	Universidad de Granada	Molecules Atoms Ions Nuclei	Daniel Rodríguez	Ca+
72	Sweden	Stockholm	Stockholm University	Trapped ion Quantum Technologies	Markus Hennrich	Sr+
73	Switzerland	Basel	University of Basel	Willitsch Group	Stefan Willitsch	Ca+, molecular ions
74	Switzerland	Zurich	ETH	Trapped ion Quantum Information	Jonathan Home	Be+, Ca+
75	United Kingdom	Brighton	University of Sussex	Ion Quantum Technology Group	Winni Hensinger	Yb+
76	United Kingdom	Brighton	University of Sussex	ITCM Group	Matthias Keller	Ca+, N2+
77	United Kingdom	London	Imperial College	Ion Trapping Group	Richard Thompson	Ca+
78	United Kingdom	Oxford	University of Oxford	Ion Trap Quantum Computing Group	David Lucas, Andrew Steane	Ca+, Sr+
79	United Kingdom	Oxford	University of Oxford	Softley Research Group	Tim Softley	Ca+, molecular ions
80	United Kingdom	Teddington	NPL	Strontium Ion Optical Frequency Standard	Alastair Sinclair, Patrick Gill	Sr+
81	United Kingdom	Teddington	NPL	Ytterbium Ion Optical Frequency Standard	Rachel Godun	Yb+
82	USA	California	Berkeley	Ion Trap Group	Hartmut Häffner	Ca+
83	USA	California	Los Angeles	Hudson Lab	Eric Hudson	Ba+, Yb+, molecular ions
84	USA	California	Los Angeles	Campbell Lab	Wes Campbell	Yb+
85	USA	Colorado	Boulder	Ion Storage Group	John Bollinger	Al+, Be+, Ca+, Hg+, Mg+, molecular ions
86	USA	Colorado	Broomfield	Honeywell Quantum Solutions	Tony Uttley	Yb+, Ba+
87	USA	Connecticut	Storrs	Atomic and Molecular Spectroscopy Group	Winthrop Smith	Ca+, Na+, Rb+, molecular ions
88	USA	Georgia	Atlanta	Chapman Research Lab	Michael Chapman	Ba+, Th3+, molecular ions
89	USA	Georgia	Atlanta	Quantum Systems group	Robert Wyllie	Ca+, Yb+, Sr+
90	USA	Illinois	Evanston	Molecular Ion and Atom Trapping Group	Brian Odom	Ba+, molecular ions
91	USA	Indiana	Bloomington	Richerme Lab	Phil Richerme	Yb+
92	USA	Maryland	UMD College Park	Quraishi Group	Qudsia Quraishi	Ba+
93	USA	Maryland	UMD College Park	Trapped Ion Lab	Joe Britton	Yb+, Ba+
94	USA	Maryland	UMD College Park	IonQ	Peter Chapman, Jungsang Kim, Chris Monroe	Yb+
95	USA	Massachusetts	Amherst	Hanneke Ion Trap Lab	David Hanneke	Be+
96	USA	Massachusetts	Cambridge	Experimental Atomic Physics Group	Vladan Vuletic	Yb+
97	USA	Massachusetts	Cambridge	Quanta Group	Ike Chuang	Sr+
98	USA	Massachusetts	Lexington	Lincoln Laboratory	John Chiaverini	Ca+, Sr+
99	USA	Massachusetts	Williamstown	Doret Group	Charlie Doret	Ca+
100	USA	New Mexico	Albuquerque	Microsystems Engineering, Science and Applications (MESA)	Dan Stick	Ca+, Yb+
101	USA	New York	New York	Precisely Quantum	Jiehang Zhang	Be+
102	USA	North Carolina	Durham	Brown Lab	Kenneth Brown	Ca+, Yb+, B+, molecular ions
103	USA	North Carolina	Durham	Trapped Ion Quantum Information	Chris Monroe	Ba+, Yb+
104	USA	North Carolina	Durham	Cetina Lab	Marko Cetina	Yb+
105	USA	North Carolina	Durham	Noel Lab	Crystal Noel	Ca+

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106	USA	North Carolina	Durham	Duke University	Linke Lab	Norbert Linke	Yb+, Sr+
107	USA	North Carolina	Durham	Duke University	MIST Group	Jungsang Kim	Ba+, Yb+
108	USA	Ohio	Granville	Denison University	Ion Quantum Optics	Steven Olmschenk	Ba+
109	USA	Oregon	Eugene	University of Oregon	Oregon Ions	David Allcock, Dave Wineland	Ca+
110	USA	Texas	Houston	Rice University	Quantum Simulation Lab	Guido Pagano	Yb+
111	USA	Vermont	Middlebury	Middlebury College	Ion Trapping Lab	Paul Hess	Yb+
112	USA	Washington	Seattle	University of Washington	Trapped Ion Quantum Computing	Boris Blinov	Ba+, Yb+